

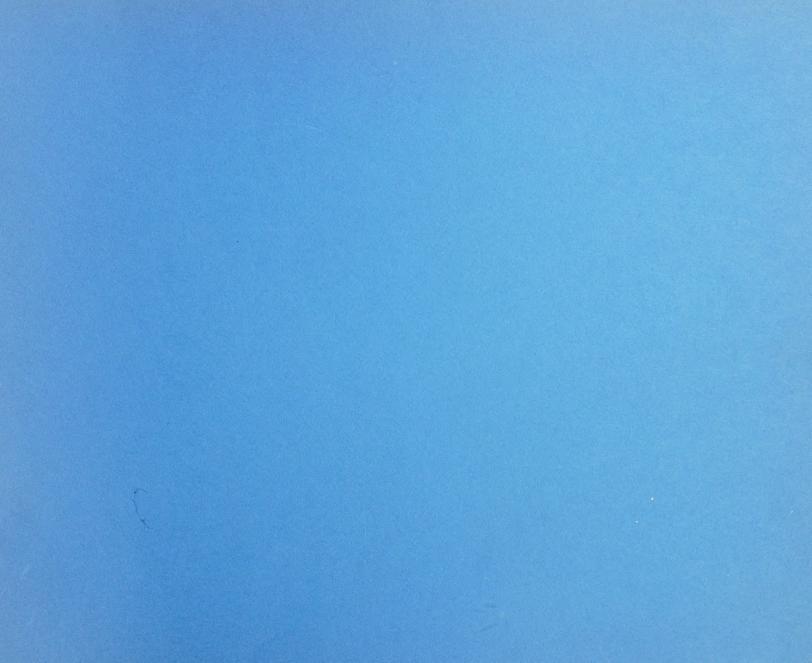
The Regional Municipality Of Hamilton-Wentworth

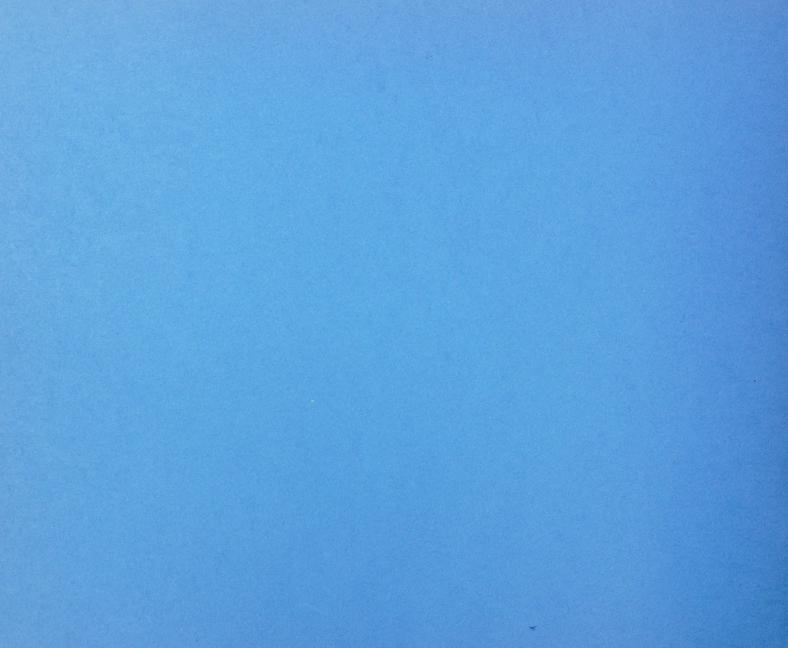


Capital Budget 1980-84

Detail Sheets







1980 - 1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35013 & 35056

FILE NO. 813-06

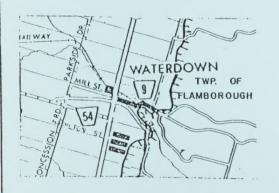
DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 1

1. PROJECT

Mill Street South, Township of Flamborough, Mountain Brown Road to Hwy. 5

2. MAP TO LOCATE PROJECT



DESCRIPTION

- Minor realignment of road replacement of one structure and slope stabilization.

4. CAPITAL COST ESTIMATE

LAND CONSTR OTHER	UCTION		590	000 600 000
		TOTAL	920	600
SUBSID CONTRI	Y BUTIONS		409	500
		TOTAL	409	500
NET CO	ST		511	100

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS OTHER

TOTAL

511 100

511 100

CASH FLOW

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET 729 600 1980 10 000 1981 1982 181 000

1979

1983

1984

1985 AND AFTER

TOTAL 920,600

NEED FOR PROJECT

- Critical horizontal and vertical alignment.
- Critical structural deficiency of road and one structure
- Replacement of Grindstone Creek Bridge awarded in 1977.

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GOVERNMENT DOCUMENTS

7. EFFECT ON CURRENT BUDGET

0 DEBT CHARGES ANNUAL COSTS 0 0

TOTAL

PAGE

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1980 - 1984

CAPITAL BUDGET

PROJECT DETAIL.

FUNCTION Transportation Services

35046 PROJECT NO.

FILE NO. 802-05

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 1

1. PROJECT

Brock Road, Flamborough, Hwy. 8 to Hwy. 5

2. MAP TO LOCATE PROJECT

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		347 200 1 260 000
OTHER	ТОТЛЬ	1 607 200
SUBSIDY CONTRIBUTIONS	MTC	646 100 288 000
	TOTAL	934 100
NET COST		673 100

AMOUNT TO BE FINANCED: REGIONAL.

PROPERTY OWNERS OTHER

TOTAL

673 100

673 100

CASH FLOW

O.M.B. REQUIRED 1979

EXPENI	OITUI	ES:				
PRIOR	TO I	BUDGET		327	200	
1980				770	000	
1981				510	000	
1982						
1983						
1984						
1985	АИВ	AFTER				

TOTAL 1 607 200

NEED FOR PROJECT

- Poor geometrics in Greensville and Hwy. 5 intersec-, tion
- Need to alleviate severe accident situation.
- Need to provide for additional capacity

3. DESCRIPTION

TOWNSHIP OF 12 FLAMBOROUGH

Hwy. 5 to Harvest Road realignment and reconstruction including land acquisition.

7. EFFECT ON CURRENT BUDGET

0
θ.
. 0

802-08

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1980 - 1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

35007 € 35048

802-09

FILE NO. 802-18

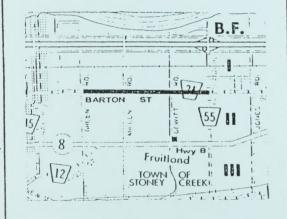
DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 1

1. PROJECT

Barton Street, Stoney Creek, Green Rd. to Fruitland Rd.

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Land acquisition to acquire an 86' Right of Way; widening to four lanes and complete reconstruction.

CAPITAL COST ESTIMATE

LAND		283 000
CONSTRUCTION		1 738 000
OTHER		
	TOTAL	2.021,000
SUBSIDY		871 500
CONTRIBUTIONS		
	TOTAL	871 500
NET COST		1 149 500

PROJECT NO.

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS OTHER

> 1 459 500 TOTAL

> > TOTAL 2 021 000

1 459 500

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR	TO BUDGET	839 000
1980		72 000
1981		
1982		
1983		530 000
1984		
1985	AND AFTER	580 000

NEED FOR PROJECT

- Continued eastward urbanization of Stoney Creek.
- Continued Industrial development.
- Project has been broken into three phases:
 - a) Green to Millen (under construction 1978/79)
 - b) Killen to DeWitt
 - c) DeWitt to Fruitland

7. EFFECT ON CURRENT BUDGET

0 DEBT CHARGES 15 000 ANNUAL COSTS

TOTAL

1980 - 1984 CAPITAL BUDGET
PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35125

FILE NO. 806-06

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 1

1. PROJECT

Fruitland Road, Stoney Creek, Barton St. to Hwy. 8

2. MAP TO LOCATE PROJECT

4. CAPITAL COST ESTIMATE

 LAND
 189 000

 CONSTRUCTION
 684 000

 OTHER Study
 32 000

 TOTAL
 905 000

SUBSIDY CONTRIBUTIONS

TOTAL

404 800

404 800

NET COST

500 200

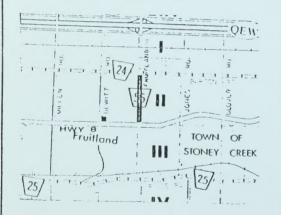
AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS OTHER

500 200

TOTAL

500 200



3. DESCRIPTION

Study will be undertaken to determine if widening should take place on existing roadway. Project to include land acquisition and roadway construction.

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

32 000

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

189 000

684 000

905 000

TOTAL

6. NEED FOR PROJECT

- Interchange at Q.E.W. necessitates increase in . Traffic service.
- Will be contingent on the rate of development of the Town of Stoney Creek.
- Need for additional mountain access to be accessed upon completion of Official Plan and Freeway Study.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

(\$20 000)

TOTAL (\$20 000)

1980-1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35096

FILE NO.

813-30

DEPT./AGENCY Engineering -

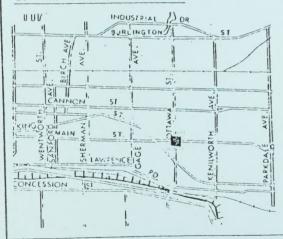
CAPITAL BUDGET PAGE 1

additional intersection

1. PROJECT

Ottawa Street at Main Street - City of Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Complete reconstruction and channelization of the intersection including complete reconstruction of Ottawa Street to Maple Ave.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		221 500 373 000
CHIERTINY	TOTAL	594_500 282_300

SUBSIDY CONTRIBUTIONS

TOTAL 282 300

NET COST

AMOUNT TO BE FINANCED: REGIONAL

PROPERTY OWNERS OTHER

TOTAL

312 200

312 200

5. CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

221 500

1930

373 000

1931

1932

1933

1984

1985 AND AFTER

TOTAL 594 500

capacity

NEED FOR PROJECT

roadway structurally deficient

- need to provide for

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS ____

TOTAL

<u>A</u>

1980 - 1984 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35110

FILE NO. 811-08

DEPT./AGENCY Engineering - CAPITAL BUDGET PAGE 1

1. PROJECT

King Street - City of Hamilton and Town of Stoney Creek, Nash Road to Battlefield Creek

MAP TO LOCATE PROJECT MOUEENSTON KING ST 1 29 11 28 27 1 26

3. DESCRIPTION

Complete reconstruction and widening to 4 lanes including intersection improvement at Hwy. #20 and at Nash Road.

4. CAPITAL COST ESTIMATE

LAND 196 000 CONSTRUCTION 800 000 OTHER TOTAL 996.000

SUBSIDY CONTRIBUTIONS 465 200

TOTAL

465 200

NET COST

530 800

AMOUNT TO BE FINANCED:

REGIONAL

PROPERTY OWNERS

OTHER

TOTAL

530 800

530 800

5. CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

176 000

19 80

820 000

1981

19 82

1983 .

19 84

19 85 AND AFTER

TOTAL

996 000

6. NEED FOR PROJECT

- need to provide additional roadway capacity
- roadway structurally deficient

EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

\$5,000

TOTAL

\$5,000

1980-1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

277 000

PROJECT NO. 35115

FILE NO. 821-20

DEPT./AGENCY Engineering -

CAPITAL BUDGET PAGE 2

1. PROJECT

Upper James Street - City of Hamilton Fennell Avenue to 300 m south of Limeridge Road



3. DESCRIPTION

Reconstruction, widening and providing a continuous channelized left turn lane.

4. CAPITAL COST ESTIMATE

TVND ·	1/	000
CONSTRUCTION	1 546	000
OTHER Study	25	000
TOTAL	1 588	000
SUBSIDY	368	100
CONTRIBUTIONSMTC	740	300
TOTAL	1 108	400
NET COST	479	600

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS OTHER

TOTAL

479 600

479 600

5. CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET	905	000
1980	683	000
1981		
1982		
1983		

1984

1985 AND AFTER

1 588 000 TOTAL

NEED FOR PROJECT

- need to provide for additional roadway capacity
- continued commercial development
- need to alleviate severe accident record

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS 0 TOTAL

1980- 1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

1 000 000

PROJECT NO. 35082

FILE NO. 802-21

DEPT./AGENCY Engineeering

CAPITAL BUDGET PAGE 2

1. PROJECT

Burlington Street - City of Hamilton Strathearne Avenue to Woodward Avenue.

MAP TO LOCATE PROJECT



3. DESCRIPTION

Complete reconstruction and widening including intersection improvement at Parkdale and Strathearne Avenue

4. CAPITAL COST ESTIMATE

TAND

PAND		alla.	000	000
CONSTRUCTION		15	000	000
OTHER *		1	905	000
	TOTAL	17	905	000
SUBSIDY .		6	751	100
CONTRIBUTIONS	MTC	8	286	500
	TOTAL	15	037	600
NET COST		2	867	400

AMOUNT TO BE FINANCED: REGIONAL

PROPERTY OWNERS OTHER

JATOT

2 867 400

2 867 400

5. CASH FLOW

1985

O.M.B. REQUIRED 1978

AND AFTER

EXPENDITURES:

PRIOR TO BUDGET		620	000
1980	1	460	000
1981	5	830	000
1982	6	350	000
1983	3	645	000
19 ⁸⁴			

TOTAL 17 905 000

NEED FOR PROJECT

- need to provide additional roadway capacity
- roadway structurally deficient
- need to provide adequate service to industry
- 50 000 * STUDY 550 000 UTILITIES ENDINEERING 1 305 000 1 905 000

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

TOTAL

9

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1980-1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

150 000

PROJECT NO. 35087

FILE NO. 807-02

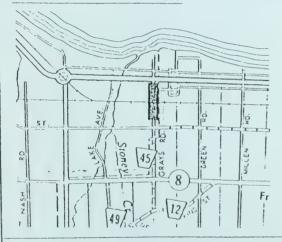
DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 2

1. PROJECT

Grays Road - City of Hamilton Arvin Avenue to the Q.E.W.

2. MAP TO LOCATE PROJECT



DESCRIPTION

Complete reconstruction and widening to 4 lanes, including grade separation at the C.N. Mainline

4. CAPITAL COST ESTIMATE

LAND

DULLD			2.00	000
CONSTRUCTION		1	436	300
OTHER *			448	700
	TOTAL	2	035	000
SUBSIDY			262	500
CONTRIBUTION	S * *	1	509	900
	TOTAL	1	772	400
NET COST			262	600
AMOUNT TO BE REGIONAL PROPERTY OWN OTHER			262	600
	TOTAL		262	600

CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

1980			110	000	
1981	•		186	000	
1982		1	633	000	
1983					

1985 AND AFTER

1984

2 035 000 TOTAL

106 000

NEED FOR PROJECT

- need to provide for continued industrial development
- roadway structurally deficient
- need to grade separate the C.N. Mainline

à	STUDY	16	000
	UTILITIES	185	700
	ENGINEERING	247	000
		448	700

** C.G.R.F. 1,340 620 90 880 CNR 78 400 UTILITIES 1 509 900

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980-1984 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35111

FILE NO. 807-16

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 2

1. PROJECT

Mohawk Road at Garth Street - City of Hamilton

4. CAPITAL COST ESTIMATE

LAND 113 000 250 000 CONSTRUCTION OTHER 363 000 TOTAL 161 500

SUBSIDY CONTRIBUTIONS

TOTAL

201 500

NET COST

AMOUNT TO BE FINANCED: REGIONAL

PROPERTY OWNERS

OTHER

TOTAL

201 500

363 000

201 500

161 500

They !			FENNEL	AVE.
TIR				
		ST	TS.	55
SAN RD			MOHAWK	RD
FE	A -	SAMES	į.	TI NO
9	EIMERIDGE	47	POAD 0	3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
PARAUISE CARTH	STONE X	UPPER	CHURCH	ASBAD RO.
300	RYMAL		ROAD	

2. MAP TO LOCATE PROJECT

3. DESCRIPTION

Complete reconstruction and channelization of the intersection.

5. CASH FLOW

1979 O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET 173 000 1980 190 000

1981

1982

1983

1984

1985 AND AUTER

TOTAL

6. NEED FOR PROJECT

- need to provide for additional intersection capacity and improve safety.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

0

ANNUAL COSTS

TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980 - 1984 CAPITAL BUDGET PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35112

DEPT./AGENCY Engineering

FILE NO. 811-07

CAPITAL BUDGET PAGE 2

1. PROJECT

King Street, Stoney Creek, Stoney Brook Drive to Highway 8.

2. MAP TO LOCATE PROJECT

4. CAPITAL COST ESTIMATE

 LAND
 110 000

 CONSTRUCTION
 703 000

 OTHER
 30 000

 TOTAL
 843 000

TOTAL 843 000 365 000

SUBSIDY CONTRIBUTIONS

NET COST

TOTAL

365 000 478 000

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS OTHER

TOTAL

JATOT

478 000

478 000

5. CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

40 000 50 000

50 000

19 80 19 81

10 on

19 82

19 83

19 84

9 85 AND AFTED

703 000

19 85 AND AFTER

843 000

6. NEED FOR PROJECT

- Meed to provide additional roadway capacity.
- Roadway structural deficienct.

3. DESCRIPTION

Stoney Brook Drive to Highway 8 widening and reconstruction of King Street.

TOWN OF STONEY CREEK

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES 0

ANNUAL COSTS \$10 000

TOTAL _

\$10 000

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH		FUNCTION Transportation Services			
1980-1984 CAPITAL BUDGET		PROJECT NO.	35113	FILE NO.	
PROJECT DETAIL		DEPT./AGENO	y Engineerin	CAPITAL BUDGET PAGE 2	
1. PROJECT	4. CAPITAL COS	ST ESTIMATE		6. NEED FOR PROJECT	
Mountain East/West, North/South Freeway	LAND CONSTRUCTION OTHER		10 500 000	- as designated in the Regional Official Plan	
		TOTAL	10 500 000		
	SUBSIDY CONTRIBUTIONS		4 500 000		
		TOTAL	4 500 000		
2. MAP TO LOCATE PROJECT	NET COST		6 000 000		
	AMOUNT TO BE REGIONAL PROPERTY OWN OTHER		6 000 000		
		TOTAL,	6 000 000		
	5. CASH FLOW				
	O.M.B. REQ	UIRED 1981			
	EXPENDITUR	ES:			
	PRIOR TO B	UDGET	125 000	-	
3. DESCRIPTION	19 80		1 500 000		
Proposed roadway construction across the			1 400 000	7. EFFECT ON CURRENT BUDGET	
Mountain and Niagara Escarpment from Hwy. #403, Ancaster to the Q.E.W. in	19 82		1 400 000	DEBT CHARGES	
east Hamilton.	1983		1 400 000	ANNUAL COSTS	
	19 84		1 400 000	TOTAL	
	1985 AND	parameter and the same and the	3 275 000	JUIND	

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980-1984 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 37163

DEPT./AGENCY Engineering -

FILE NO. 813-29

CAPITAL BUDGET PAGE 3

additional intersection

NEED FOR PROJECT

capacity

- need to provide for

1. PROJECT

Mohawk Road at Upper Sherman Avenue -City of Hamilton

2. MAP TO LOCATE PROJECT

FENNELL "AVE. MOHAWK UMPRIDGE STONE 3

3. DESCRIPTION

complete reconstruction and channelization of intersection.

4.	CAPITAL	COST	ESTIMATE

LAND 105 000 CONSTRUCTION 396 000 OTHER TOTAL 501 000

SUBSIDY 218 800

CONTRIBUTIONS

218 800 TOTAL

NET COST

282 200

AMOUNT TO BE FINANCED: REGIONAL

PROPERTY OWNERS OTHER

TOTAL

282 200

282 200

CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

105 000 396 000

1980

1981

1982

1983

1984

19 85 AND AFTER

TOTAL

501 000

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980-1984 CAPITAL BUDGET

City of Hamilton

2. MAP TO LOCATE PROJECT

LIMPRIDGE

MOHAWK

FENNELL

AVE

PROJECT DETAIL

FUNCTION Transportation Services

45 000

348 000

43 000

436 000

190 200

245 800

245 800

PROJECT NO. 37166

DEPT./AGENCY Engineering - CAPITAL BUDGET PAGE 3

- need to provide for

capacity and safety.

6. NEED FOR PROJECT

FILE NO. 813-37

additional intersection

4. CAPITAL COST ESTIMATE 1. PROJECT Mohawk Road at Upper Gage Avenue -

LAND

CONSTRUCTION .

OTHER UTILITIES TOTAL

SUBSIDY

CONTRIBUTIONS

NET COST

190 200 245 800

AMOUNT TO BE FINANCED: REGIONAL PROPERTY OWNERS

OTHER

5. CASH FLOW

TOTAL

TOTAL

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

45 000

JATOT

1980 1981

43 000 348 000

1982

1983

1984 1985 AND AFTER

436 000

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

TOTAL

Complete reconstruction and

channelization of the intersection

DESCRIPTION

1980-1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35055

ΓΙΙΕ NO. 813-31

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 3

1. PROJECT

- Mohawk Road at McNiven Road - Town of Ancaster

2. MAP TO LOCATE PROJECT

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION

OTHER

SUBSIDY

NET COST

CONTRIBUTIONS

42 000 187 000

229 000

TOTAL 105 100

TOTAL

105 100

123 900

AMOUNT TO BE FINANCED: REGIONAL

PROPERTY OWNERS OTHER

> TOTAL 123 900

187 000

123 900

5. CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET 42 000

19 80 19 81

1982

19 83

19 84

1985 AND AFTER

TOTAL 229 000

6. NEED FOR PROJECT

- need to provide for safe crossing of vehicles and pedestrians

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

TOTAL

- complete reconstruction and channelization of intersection

SPRINGS RO

3. DESCRIPTION

REGIONAL MUNICIPALITY OF HAMILTON WE 1980 - 1984 CAPITAL BUDGET PROJECT DETAIL	NTWORTH	FUNCTION PROJECT NO DEPT./AGE	o. 37164 NCY Engineeri	FILE NO. ng CAPITAL BUDGET PAGE 3 dervices
1. PROJECT Fennell Avenue at Upper Gage Avenue - City of Hamilton	4. CAPITAL COS LAND CONSTRUCTION OTHER UTILITI SUBSIDY CONTRIBUTIONS	EES	62 000 350 000 15 000 427 000 185 500	6. NEED FOR PROJECT - need to provide for additional roadway capacity and improve safety.
2. MAP TO LOCATE PROJECT	NET COST	TOTAL	185 500 241 500	
	AMOUNT TO BE REGIONAL PROPERTY OWH OTHER		241 500 241 500	
	5. CASH FLOW O.M.B. REQUESTED TURN EXPENDITURE PRIOR TO BU	ES:		-
3. DESCRIPTION	1980		77 000	
Complete reconstruction and channelization of the intersection.	1981 1982		350 000	7. EFFECT ON CURRENT BUDGET
	1983			DEBT CHARGES 0
	1984	A FTER		ANNUAL COSTS $\frac{\theta}{\theta}$
	13-5 1110	TOTAL	427 000	

0

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH CAPITAL BUDGET

Wentworth Street.

PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35091

TILE NO.

DEPT./AGENCY

Engineering

CAPITAL BUDGET PAGE 3

1. PROJECT 4. CAPITAL COST ESTIMATE NEED FOR PROJECT Mountain Shopping Centre Access Roads LAND 550,000 City of Hamilton - 1) Mohawk Rd. from Access requirements for 1,360,000 CONSTRUCTION 152 m West of Upper Wentworth Street Mountain Regional Shopping OTHER to East 27th. Street. Centre. 2) Upper Wentworth 1 910 000 TOTAL St. - from 142 m north of Mohawk Rd. to SUBSIDY 401.000 152 m south of Limeridge Road. CONTRIBUTIONS 955.000 1 356.000 TOTAL MAP TO LOCATE PROJECT 554 000 NET COST AMOUNT TO BE FINANCED: REGIONAL 554,000 PROPERTY OWNERS OTHER 554.000 TOTAL CASH FLOW O.M.B. REQUIRED 1980 EXPENDITURES: PRIOR TO BUDGET 1980 1.910 000 3. DESCRIPTION 1981 EFFECT ON CURRENT BUDGET 7. 1) Widening and Channelization of 1982 Mohawk Road. 1983 DEBT CHARGES 0 2) Widening, Channelization and 1984 0 ANNUAL COSTS complete reconstruction of Upper 1985 AND AFTER LATOT

TOTAL.

CAPITAL BUDGET

TUNCTION Transportation Services PROJECT NO. 35120

FILE NO. 806-11

PROJECT DETAIL

DEPT./AGENCY Engineering - CAPITAL BUDGET PAGE 3

1. PROJECT

1980 - 1984

Fennell Avenue at Upper Sherman Avenue - City of Hamilton

CONSTRUCTION OTHER UTILITIES

4. CAPITAL COST ESTIMATE LAND

TOTAL

TOTAL

116,000 320.000

30 000

466.000

207 400

207 400

258 600

258,600

258.600

50 000

96 000

320 000

466.000

NEED FOR PROJECT

- need to provide for additional intersection

MAP TO LOCATE PROJECT PENNELL AVE MOHAWK LIMERIDGE STONE

3. DESCRIPTION Complete reconstruction and channelization of the intersection. AMOUNT TO BE FINANCED: REGIONAL PROPERTY OWNERS OTHER CASH FLOW

SUBSIDY

NET COST

CONTRIBUTIONS

O.M.B. REQUIRED 1981

JATOT

TOTAL

EXPENDITURES: PRIOR TO BUDGET

1980

1981

1982 1983

1984

1985 AND AFTER

capacity and safety.

EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH **FUNCTION** Transportation Services 1980 - 1984 CAPITAL BUDGET PROJECT NO. 35137 FILE NO. PROJECT DETAIL Engineering DEPT./AGENCY CAPITAL BUDGET PAGE 1. PROJECT 4. CAPITAL COST ESTIMATE 6. NEED FOR PROJECT LAND Upper Ottawa Street - Stone Church Provide improved service CONSTRUCTION 470 000 for Mountain Industrial Lands. Road to Rymal Road. OTHER - City of Hamilton 470 000 TOTAL SUBSIDY 197 400 CONTRIBUTIONS TOTAL 197 400 2. MAP TO LOCATE PROJECT NET COST 272 600 AMOUNT TO BE FINANCED: REGIONAL 272 600 PROPERTY OWNERS OTHER JATOT 272 600 5. CASH FLOW O.M.B. REQUIRED 1982 EXPENDITURES: PRIOR TO BUDGET 1980 3. DESCRIPTION 1981 Complete reconstruction and widening 7. EFFECT ON CURRENT BUDGET 1982 to 4 lanes. 470.000 1983 DEBT CHARGES 0 1984 0 ANNUAL COSTS 1985 AND AFTER θ TOTAL TOTAL 470 000

1980 - 1984 CAPITAL BUDGET PROJECT DETAIL

FUNCTION

PROJECT NO. 35127

FILE NO.

* C.G.R.F.

C. N. R.

6. NEED FOR PROJECT

- need to provide for

anticipated growth trend

180,800

11,200

192,000

DEPT./AGENCY Engineering Transportation Services

CAPITAL BUDGET PAGE 4

1. PROJECT

Stone Church Road - City of Hamilton C.N.R. Bridge near Dartnall Road

4. CAPITAL COST ESTIMATE

LAND

SUBSIDY

NET COST

CONSTRUCTION OTHER

CONTRIBUTIONS *

226 000

226 000 TOTAL 17 000

TOTAL

209 000

192 000

_17_000__

AMOUNT TO BE FINANCED:

REGIONAL. PROPERTY OWNERS OTHER

17 000

TOTAL 17 000

1984

TOTAL

CASH FLOW

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER 226 000

226 000

ANNUAL COSTS

DEBT CHARGES

TOTAL

7. EFFECT ON CURRENT BUDGET

0

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Reconstruction and widening of existing 2 lane overhead bridge.

1980-1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION

PROJECT NO. 35118

TILE NO.

DEPT./AGENCY Engineering Transportation Services

CAPITAL BUDGET PAGE 4

1. PROJECT

Upper Gage Avenue - City of Hamilton Thorly Avenue to 500 feet north of Stone Church Road

4. CAPITAL COST ESTIMATE

OTHER

SUBSIDY

NET COST

LAND

CONSTRUCTION

623 100

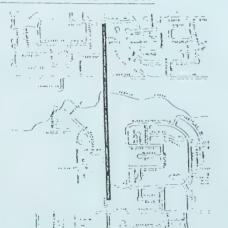
350,100

623 100 TOTAL 273 000

CONTRIBUTIONS

273 000 TOTAL 350 100

MAP TO LOCATE PROJECT



3. DESCRIPTION

Staged construction and widening to 4 lanes.

AMOUNT TO BE FINANCED: REGIONAL

PROFERTY OWNERS OTHER

> JATOT 350 100

CASH TLOW

O.H.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 623.100

623 100

6. HEED FOR PROJECT

- need to provide for anticipated growth trend

- roadway structurally deficient

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

AUNUAL COSTS

0

TOTAL

0

1980 - 1984 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION

PROJECT NO. 35123

deficient

DEPT./AGENCY Engineering

Transportation Services

1. PROJECT

Upper Sherman Avenue - City of Hamilton Berko Avenue to Limeridge Road

4. CAPITAL COST ESTIMATE

LAHD

220 000

220 000 TOTAL 100 000

SUBSIDY CONTRIBUTIONS

CONSTRUCTION

OTHER

100 000 TOTAL 120 000

NET COST

AMOUNT TO BE FINANCED: REGIONAL

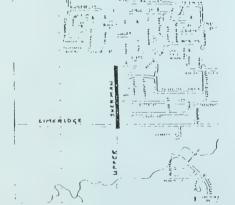
PROPERTY OWNERS OTHER

TOTAL

120 000

120 000

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Construction and widening to 4 lanes.

CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

19.80

19 81

19 82

19 83

19 84

19 85 AND AFTER

220 000

220,000 TOTAL

7. EFFECT ON CURRENT BUDGET DEBT CHARGES

ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-	VENTWORTH	FUNCTION		
1980-1984 CAPITAL BUDGET PROJECT DETAIL		PROJECT NO.		FILE NO.
1. PROJECT Mohawk Road at Upper Paradise Road - City of Hamilton 2. MAP TO LOCATE PROJECT	I. CAPITAL COMBINED CONSTRUCTION OTHER SUBSIDY CONTRIBUTIONS HET COST AMOUNT TO BE REGIONAL PROPERTY OWN OTHER	TOTAL FINANCED: ERS	150 000 350 000 500 900 222 000 222 000 278 000 278 000	
3. DESCRIPTION Complete reconstruction and channelization of intersection.	EXPENDITURED PRIOR TO BE 1980 1981 1982 1983 1984 1985 AND	JDGET	150 000 350 000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES -0- ANNUAL COSTS -0- TOTAL -0-

TOTAL

1980-1984

CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Transportation Services

PROJECT NO. 35162

FILE NO. 821-19

DEPT./AGENCY Engineering - CAPITAL BUDGET PAGE 5

1. PROJECT

Upper Sherman Avenue -City of Hamilton

MAP TO LOCATE PROJECT

Concession Street to Crockett Street

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

118 000 447 000

TOTAL

TOTAL

565 000 246 700

SUBSIDY CONTRIBUTIONS

246 700

NET COST

318 300

AMOUNT TO BE FINANCED:

REGIONAL

318 300

PROPERTY OWNERS OTHER

TOTAL

318 300

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

19.82

1983

1984

1985 AND AFTER

LATOT

447 000 565 000

118 000

6. NEED FOR PROJECT

deficient

- Sherman Cut/Crockett channelization is operationally deficient

- roadway structurally

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

TOTAL

DESCRIPTION

Complete reconstruction including intersection improvement at Crockett Street

CAPITAL BUDGET

PROJECT DETAIL

MUD

FUNCTION

PROJECT NO. 35126

813-08 FILE NO. 813-22

DEPT./AGENCY Eng. Transportation CAPITAL BUDGET PAGE 5 Services

1. PROJECT

Mount

Mud Street, Stoney Creek, East City of Hamilton, Limits to Highway 20.

MAP TO LOCATE PROJECT

TOWN OF SIONEY CREEK 4. CAPITAL COST ESTIMATE

CONSTRUCTION

CONTRIBUTIONS

OTHER

SUBSIDY

NET COST

OTHER

LAND

750 000 1 523 000

1.238 000

1 238 000

48 000

2 273 000 LATOT 1.035 000

1,035 000 TOTAL 1 238 000

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS

TOTAL.

CASH FLOW

O.H.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981 1982

1983

1984

125,000 AND AFTER 2,100,000

TOTAL 2 273 000

6. NEED FOR PROJECT

Saltfleet Community Development

Contingent on decisions regarding the Mountain East-West and North-South Freeway.

3. DESCRIPTION

Hamilton East City Limits to Highway 20 widening road allowance to 200 feet and readway construction.

7. * EFFECT ON CURRENT BUDGET: DEBT CHARGES

> \$15,000 AUUUAL COSTS \$15,000

0

TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH		FUNCTION	Sanitatio	n & Waste Disposal
1980/84 CAPITAL BUDGET		PROJECT NO.	35251	FILE NO.
PROJECT DETAIL		DEPT./AGENCY	Engineeri	ng CAPITAL BUDGET PAGE 6
1. PROJECT	4. CAPITAL COST	ESTIMATE		6. NEED FOR PROJECT
Sanitary Landfill Sites and - Land Acquisition	LAND CONSTRUCTION OTHER	2,	370,000	
Glanbrook		TOTAL $\frac{2}{}$,	370,000	
	SUBSIDY M.T.C. CONTRIBUTIONS			
2 WAD TO LOCATE PROTECT		TOTAL	NIL	,
2. MAP TO LOCATE PROJECT	NET COST	2,	370,000	
	AMOUNT TO BE FI REGIONAL PROFERTY OWNERS OTHER	2,	370,000	
		TOTAL 2,	370,000	
	5. CASH FLOW			
	O.M.B. REQUIR	Œ D Re	ceived	
	EXPENDITURES:			
	PRIOR TO BUDG		080,500	
	1980		400,000	
3. DESCRIPTION	1981			·
A) Kenora Transfer Station \$300,000	1982			7. EFFECT ON CURRENT BUDGET
B) Upper Ottawa — south of Rymal Road Transfer Station 300,000	1983			DEBT CHARGES
C) Glanbrook, Landfill Site 1,400,000				DEDI CHARGES
G Grandrook, Landilli Site 1,400,000	1984			ANNUAL COSTS
	1985 AND ATT		480,500	TOTAL

	KERSTOWNE MONTCINVELLA OF HVHIPLON-ME	NTWORTH FUNCTION SE	nitation and waste Disposar
	1980/84 CAPITAL DUDGET		FILE NO.
	. PROJECT DETAIL	DEPT./AGENCY En	gincering CAPITAL BUDGET PAGE 6
	1. PROJECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
	Transfer Stations New Solid Waste Management System	LAND CONSTRUCTION OTHER 5,900 TOTAL 5,900	
		SUBSIDY M.T.C. CONTRIBUTIONS	
	2. MAP TO LOCATE PROJECT	NET COST TOTAL NII	
		AMOUNT TO BE FINANCED: REGIONAL 5,900 PROFERTY OWNERS ' OTHER	,000
		TOTAL 5,900	,000
		5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET	
	3. DESCRIPTION Region to finance the construction of Transfer Stations for New	1980 5,900 1981 1982	7. EFFECT ON CURRENT BUDGET
	Solid Waste System	1983 1984 1985 AND AFTER	DEBT CHARGES ANNUAL COSTS TOTAL
1		TOTAL 5 000	000

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET	NTWORTH	PROJECT NO. DEPT./AGENCY	35253		CAPITAL BUDGET	PAGE	6
PROJECT DETAIL 1. PROJECT Sanitary Landfill Site Development for operational use Glanbrook 2. MAP TO LOCATE PROJECT	4. CAPITAL COST LAND CONSTRUCTION OTHER SUBSIDY M.T.C. CONTRIBUTIONS NET COST AMOUNT TO BE FIREGIONAL PROPERTY OWNERS OTHER	TOTAL 1,	500,000 500,000 NIL 500,000		ED FOR PROJECT	rage	0
3. DESCRIPTION Region is required to provide Tricil with the Glanbrook Site ready for operation	5. CASH FLOW O.M.B. REQUIN EXPENDITURES PRIOR TO BUDG 1980 1981 1982 1983 1984 1985 AND AFT	RED GET 1	,500,000 ,500,000	DI	FECT ON CURRENT BT CHARGES INUAL COSTS TOTAL	r BUDO	GET

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH	FUNCTION PROJECT N DEPT./AGE		on and Waste Disposal FILE NO. THE CAPITAL BUDGET PAGE 6
1. PROJECT Servicing the Landfill Site and Transfer Stations 2. MAP TO LOCATE PROJECT	4. CAPITAL COST LAND CONSTRUCTION OTHER SUBSIDY M.T.O CONTRIBUTIONS	TOTAL	970,000 970,000 NIL 970,000	6. NEED FOR PROJECT
	AMOUNT TO BE REGIONAL PROFERTY OWNE OTHER		970,000	
3. DESCRIPTION - Glanbrook Site - Internal Road Improvement \$100,000 - Dundas Transfer Site 245,000 - Kenora Transfer Site 105,000 - Mountain Transfer Site170,000 - Weigh Scales 500,000	5. CASH FLOW O.M.B. REQUIRED PRIOR TO BUILD 1980 1981 1982 1983 1984 1985 AND AF	S: DGET	970,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

Homes for the Aged

REGIONAL MUNICIPALITY OF MAMILTON-WENT 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJECT NO. N5102	FILE NO. Services CAPITAL BUDGET PAGE 7
1. PROJECT Macassa Lodge Alteration and Additions	LAND CONSTRUCTION OTHER TOTAL SUBSIDY M.T.C. Provincial CONTRIBUTIONS 950,000 25,000	6. NEED FOR PROJECT
2. MAP TO LOCATE PROJECT	NET COST TOTAL 25,000 925,000 AMOUNT TO BE FINANCED: REGIONAL ST.S.R. PROPERTY OWNERS OTHER T.R. 925,000 925,000	
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED 1983 Received EXPENDITURES: PRIOR TO BUDGET 475,000 1980 475,000 1981 1982 1983 1904 1985 AND AFTER TOTAL 950,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

FUNCTION

	Angereiter die gestiese wieder des gewind das die gestie der des gestiese des gewinds des		1 (Nati - 52)
REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJI	ECT NO. N6103	For the Aged FILE NO. Services CAPITAL BUDGET PAGE 7
1. PROJECT Proposed Lodge - Stoney Creek - Land Acquisition 2. MAP TO LOCATE PROJECT	LAND CONSTRUCTION OTHER TOTAL SUBSIDY M.T.C. CONTRIBUTIONS TOTAL NET COST AMOUNT TO BE FINANCE REGIONAL ST.S.R. PROFERTY OWNERS OTHER T.R.	200,000 L 200,000 100,000 L 100,000 CD: 100,000	6. NEED FOR PROJECT
3. DESCRIPTION	EXPENDITURES: PRIOR TO BUDGET 1980 1981 1982 1983 1984 1985 AND AFTER	200,000 TAL 200,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

				111111 33
REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH	FUNCTION PROJECT NO. DEPT./AGENC	N6103A	r the Aged FILE NO. ervices CAPITAL BUDGET PAGE 7
1. PROJECT Proposed Lodge - Stoney Creek including furnishings 2. MAP TO LOCATE PROJECT	4. CAPITAL COS LAND CONSTRUCTION OTHER SUBSIDY M.T.C CONTRIBUTIONS NET COST AMOUNT TO BE REGIONAL ST.S PROPERTY OWNE OTHER T.R.	TOTAL TOTAL FINANCED:	3,800,000 3,800,000 1,900,000 1,900,000 1,900,000	6. NEED FOR PROJECT
3. DESCRIPTION	5. CASH FLOW O.M.B. REQU EXPENDITURE PRIOR TO BU 1980 1981 1982 1983 1984 1985 AND A	S: DGET	1,900,000 950,000 950,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH	FUNCTION PROJECT N DEPT./AGE		al Development UILE NO. Ing CAPITAL BUDGET PAGE 8
1. PROJECT Land Acquisition 1974	LAND CONSTRUCTION OTHER SUBSIDY M.T.C	TOTAL _	300,000	G. NEED FOR PROJECT
2. MAP TO LOCATE PROJECT	NET COST AMOUNT TO BE TO REGIONAL ST.S PROFERTY OWNER OTHER T.R.	TOTAL FINANCED: S.R.	300,000 Ø	
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIDED TO BUILD	IRED 1983 S: DGET		7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL	MUNICIPA	LITY	OF	HAMILTON-WENTWORTH
1	980/84	CAPIT	۸L	DUDGET
	PF	OJECT	DE	TAIL

FUNCTION

Industrial Development

PROJECT NO.

R5250

FILE NO.

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 8

1. PROJECT	I CARYMAN COOK WAS TO SEE THE COOK OF THE	
1. TROUECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
Land Acquisition	LAND 1,000,000 CONSTRUCTION	
1975	OTHER	
	TOTAL1,000,000	
	SUBSIDY M.T.C.	
	CONTRIBUTIONS CL 1,000,000	
2. MAP TO LOCATE PROJECT	TOTAL 1,000,000	
	NET COST Ø	
	AMOUNT TO BE FINANCED: REGIONAL ST.S.R.	
	PROFERTY OWNERS	
	OTHER T.R.	
	TOTAL	
	5. CASH FLOW	
	And the state of t	
	O.M.B. REQUIRED 1983	
	EXPENDITURES:	
	PRIOR TO BUDGET 1,000,000	
3. DESCRIPTION	1980	
	1981	7. EFFECT ON CURRENT BUDGET
	1982	*** Age (1987) (
	1983	DEBT CHARGES
	1984	ANNUAL COSTS
	1985 AND AFTER TOTAL 1,000,000	TOTAL
	20275	

REGIONAL MUNICIPALITY OF HAMILTON-	WENTWORTH FUNCTION	Industria	al Development
1980/84 CAPITAL BUDGET	PROJECT NO	• R6250	TILE NO.
PROJECT DETAIL	DEPT./AGEN	CY Engineeri	ng CAPITAL BUDGET PAGE 8
1. PROJECT	4. CAPITAL COST ESTIMATE		6. NEED FOR PROJECT
Land Acquisition	LAND CONSTRUCTION OTHER	2,200,000	
1770	TOTAL	2,200,000	
	SUBSIDY M.T.C. CONTRIBUTIONS CL	2,200,000	
2 NAD TO LOCATE PROTECTION	TOTAL	2,200,000	
2. MAP TO LOCATE PROJECT	NET COST	Ø	
	AMOUNT TO BE FINANCED: REGIONAL ST.S.R. PROFERTY OWNERS ' OTHER T.R.		·
	TOTAL	· Ø	
	5. CASH FLOW		
	O.M.B. REQUIRED 1983		
	EXPENDITURES:		
	PRIOR TO BUDGET	2,200,000	
3. DESCRIPTION	1980		
	1981		•
	1982		7. EFFECT ON CURRENT BUDGET
	1983		DEDT CHARGES
	1984		ANNUAL COSTS
	1985 AND AFTER		TOTAL
	TOTAL	2,200,000	

REGIONAL MUNICIPALITY OF HAMILTON-WE	NTWORTH	FUNCTION	Industri	al Development
1980/84 CAPITAL BUDGET		PROJECT NO	R7250	FILE NO.
PROJECT DETAIL		DEPT./AGEN	CY Engineeri	ME CAPITAL BUDGET PAGE 8
1. PROJECT	4. CAPITAL COS	T ESTIMATE		6. NEED FOR PROJECT
Land Acquisition	LAND CONSTRUCTION OTHER		375,000	
1977		TOTAL	375,000	
	SUBSIDY M.T.O		375,000	
		TOTAL	375,000	
2. MAP TO LOCATE PROJECT	NET COST	djanistingspie	Ø	
	AMOUNT TO BE REGIONAL ST.S PROFERTY OWNE	S.R.		
	OTHER T.R.	Stringthour		
		TOTAL	Ø	
	5. CASH FLOW			
	O.M.B. REQU	IRED 1983		
	EXPENDITURE	S:		
	PRIOR TO BU	DGET	375,000	
3. DESCRIPTION	1980			
Distribution and the second se	1981			7. EFFECT ON CURRENT BUDGET
	1982			7. EFFECT ON CURRENT BUDGET
	1983			DEBT CHARGES
	1904			ANNUAL COSTS
	1985 AND A	TTER TOTAL	375,000	TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WE	NTWORTH FUNCTION Industria	al Development
1980/84 CAPITAL BUDGET	PROJECT NO. R8250	FILE NO.
PROJECT DETAIL	DEPT./AGENCY Engine	ering CAPITAL BUDGET PAGE 8
1. PROJECT	4. CAPITAL COST ESTIMATE	
Committee of the commit		6. NEED FOR PROJECT
Land Acquisition	LAND 919,000 CONSTRUCTION OTHER	
1978	TOTAL 919,000	
	SUBSIDY M.T.C.	
*		
2. MAP TO LOCATE PROJECT	NET COST 919,000	
	New room operation and an administration of the control of the con	
	AMOUNT TO BE FINANCED: REGIONAL ST.S.R.	
	PROFERTY OWNERS 'OTHER T.R.	TOTAL OF THE PROPERTY OF THE P
	TOTAL Ø	
	5. CASH FLOW	
	O.M.B. REQUIRED 1983	
	EXPENDITURES:	
	PRIOR TO BUDGET 919,000	
3. DESCRIPTION	1980	
En er fir de de mellegegen von de de troube de melle seguina gelande kondung	1981	
	1982	7. EFFECT ON CURRENT BUDGET
	1903	DEBT CHARGES
	1904	ANNHAL COCKE
	1985 AND AFTER	ANNUAL COSTS TOTAL
	TOTAL 919,000	10170

REGIONAL MUNICIPALITY OF MAMILTON-WEN	TWORTH	FUNCTION	Industria	al Development
1980/84 CAPITAL BUDGET		PROJECT NO.	R9250	FILE NO.
PROJECT DETAIL		DEPT./AGENCY	Engineerin	E CAPITAL BUDGET PAGE 8
1. PROJECT	4. CAPITAL COST	ESTIMATE		6. NEED FOR PROJECT
Land Acquisition	LAND CONSTRUCTION OTHER		566,000	
1979		TOTAL	566,000	
	SUBSIDY M.T.C. CONTRIBUTIONS	CL .	566,000	·
2. MAP TO LOCATE PROJECT	NET COST	TOTAL	Ø	
	AMOUNT TO BE FI REGIONAL ST.S. PROPERTY OWNERS OTHER T.R.	R.		
		TOTAL	Ø	
	5. CASH FLOW O.M.B. REQUIR EXPENDITURES: PRIOR TO BUDG 1980		566,000	
3. DESCRIPTION	1981 1982 1983			7. EFFECT ON CURRENT BUDGET DEBT CHARGES
	1904 1905 AND ALT		566,000	ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL 1. PROJECT LAND CONSTRUCTION Land Acquisition OTHER 1980 SUBSIDY M.T.C. CONTRIBUTIONS 2. MAP TO LOCATE PROJECT NET COST

DEPT./AGENCY Engineering 4. CAPITAL COST ESTIMATE TOTAL

LS

TOTAL

FUNCTION

PROJECT NO.

6. NEED FOR PROJECT 1,000,000 1,000,000

500,000

500,000

500,000

R10250

Industrial Development

FILE NO.

CAPITAL BUDGET PAGE 9

AMOUNT TO BE FINANCED: REGIONAL ST.S.R. PROPERTY OWNERS OTHER T.R. CASH FLOW O.M.B. REQUIRED EXPENDITURES:

1985 AND AFTER

TOTAL

500,000 TOTAL 1983

500,000

500,000

500,000

EFFECT ON CURRENT BUDGET DEBT CHARGES

TOTAL

ANNUAL COSTS

PRIOR TO BUDGET 1980 DESCRIPTION 1981 1982 1983 1984

		and 41
REGIONAL MUNICIPALITY OF MAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJECT NO. R1125 DEPT./AGENCY Enginee	
1. PROJECT Land Acquisition 1981 2. MAP TO LOCATE PROJECT	LAND 600,000 CONSTRUCTION OTHER TOTAL 600,000 SUBSIDY M.T.C. CONTRIBUTIONS LS 600,000 TOTAL 600,000 NET COST Ø AMOUNT TO BE FINANCED: REGIONAL ST.S.R. PROFERTY OWNERS 'OTHER T.R.	6. NEED FOR PROJECT
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED 1983 EXPENDITURES: PRIOR TO BUDGET 1980 1981 600,000 1982 1983 1984 1985 AND AFTER TOTAL 600,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WI	NTWORTH FUNCTION PROJECT		al Development
PROJECT DETAIL		AGENCY Engineeri	TILE NO. THE CAPITAL BUDGET PAGE 9
1. PROJECT	4. CAPITAL COST ESTIMAT	'E	6. NEED FOR PROJECT
Land Acquisition	LAND CONSTRUCTION OTHER TOTAL	350,000	
	SUBSIDY M.T.C. CONTRIBUTIONS LS	350,000	
2. MAP TO LOCATE PROJECT	NET COST	350,000	
	AMOUNT TO BE FINANCED: REGIONAL ST.S.R. PROFERTY OWNERS 'OTHER T.R.		
	ТОТЛЬ	Ø	
	5. CASH FLOW O.M.B. REQUIRED 198 EXPENDITURES: PRIOR TO BUDGET	3	
3. DESCRIPTION	1980 1981		•
	1982 1983 1904	350,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES
	1985 AND AFTER TOTAL	350,000	TOTAL





801-06

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION Storm Sewers

35236 PROJECT NO.

TILE NO.

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 10

NEED FOR PROJECT

To replace a deteriorated,

undersized, and shallow

combined sewer

1. PROJECT

Alpine, Mountain Park, Bellwood Ave.. Upper Wentworth St., - Storm Sewers

CAPITAL COST ESTIMATE

LAND CONSTRUCTION

TOTAL

TOTAL .

498,000 498,000

SUBSIDY R.S. CONTRIBUTIONS

170,000

170,000

328,000

NET COST

OTHER

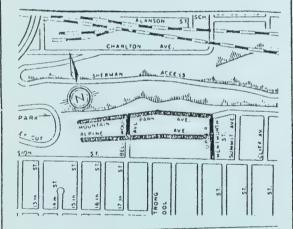
328,000

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS OTHER

> 328,000 TOTAL

2. MAP TO LOCATE PROJECT



DESCRIPTION

Local storm sewers, private drain, and road repairs.

CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

470,000 PRIOR TO BUDGET 28,000 1980

1981

1982

1983 1984

1985

AND AFTER

TOTAL

498,000

7.

ANNUAL COSTS

JATOT

DEBT CHARGES

EFFECT ON CURRENT BUDGET

Storm Sewers

FUNCTION

1980/84 CAPITAL BUDGET PROJECT DETAIL		PROJECT DEPT./AG	NO. 36207 ENCY Engineeri	FILE NO. 813-14 ng CAPITAL DUDGET PAGE 10
1. PROJECT	4. CAPITAL COS	T ESTIMATE		6. NEED FOR PROJECT
MacNab St. Trunk Storm Sewer Cannon St. to Harbour - Engineering	LAND CONSTRUCTION OTHER Engineer	ring .	250,000 250,000	The trunk sewer is required to relieve an overloaded trunk sewer system.
	SUBSIDY CONTRIBUTIONS			
2. HAP TO LOCATE PROJECT	NET COST	TOTAL _	NIL 250,000	
	AMOUNT TO BE REGIONAL St. PROPERTY OWNE OTHER	S.R.	250,000	
		TOTAL	250,000	
	5. CASH FLOW			
	o.m.b. Rėqu	JIRED	Received	
	EXPENDITURE		200,000	
a proprietavi	PRIOR TO BU	DDGET	200,000	
3. DESCRIPTION	1981			The Prince Of Other Prince Prince
Trunk Tunnel Storm Sewer	1982			7. EFFECT ON CURRENT BUDGE
Tranv ranner oform sener.	1983			DEBT CHARGES
	1904			ANNUAL COSTS
	1985 AND A		250,000	ТОТЛЬ

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

REGIONAL MUNICIPALITY OF NAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJECT		FILE NO.
1. PROJECT South/West Central Area, Reconstruction of sewers on Duke Street from James Street to Caroline Street 2. MAP TO LOCATE PROJECT	LAND CONSTRUCTION OTHER TOTAL SUBSIDY R.S. CONTRIBUTIONS TOTAL NET COST AMOUNT TO BE FINANCED: REGIONAL PROPERTY OWNERS OTHER TOTAL	210,000 210,000 80,000 80,000 130,000	6. NEED FOR PROJECT
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET 1980 1981 1982 1983 1984 1985 AND AFTER TOTAL	Received 157,000 53,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

AMOUNT TO BE FINANCED: REGIONAL 996,000 PROPERTY OWNERS 312,000 OTHER TOTAL 1,308,000	
5. CASH FLOW O.M.B. REQUIRED Received EXPENDITURES: PRIOR TO BUDGET 933,000	
1980 608,000 1981 1982 1983 1904 1985 AND AFTER	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL
	REGIONAL 996,000 PROPERTY OWNERS 312,000 OTHER TOTAL 1,308,000 5. CASH FLOW O.M.B. REQUIRED Received EXPENDITURES: PRIOR TO BUDGET 933,000 1980 608,000 1981 1982 1983 1984

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH PROJECT NO. 35200 A TILE NO. 807-08 1980/84 CAPITAL BUDGET DEPT./AGENCY Engineering CAPITAL BUDGET PAGE PROJECT DETAIL 6. NEED FOR PROJECT 1. PROJECT CAPITAL COST ESTINATE LAND To provide service to 385,000 CONSTRUCTION Gershome Trunk Storm Sewer -Gershome Neighbourhood OTHER Construction _385,000 TOTAL SUBSIDY CONTRIBUTIONS NIL TOTAL 2. MAP TO LOCATE PROJECT 385,000 NET COST AMOUNT TO BE FINANCED: BCHO 385,000 REGIONAL SCHOOL PROPERTY OWNERS OTHER 385,000 TOTAL CASH FLOW O.N.B. REQUIRED Received **EXPENDITURES:** 320,000 PRIOR TO BUDGET 65,000 1980 3. DESCRIPTION 1981 TFFECT ON CURRENT BUDGET 1982 Branch trunk sewer from existing channel to Greenhill Ave. - 60" 1983 DEBT CHARGES diameter 1984 ANNUAL COSTS 1985 AND AFTER JATOT TOTAL 385,000

FUNCTION

Storm Sewers

]	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	CNTWORTH	FUNCTION Storm Sew PROJECT NO. 36208A DEPT./AGENCY Engineer:	FILE NO. 813-17
1. PROJECT Mt. Industrial Trunk Sewer - Western Connection - Construction (Storm)	LAND CONSTRUCTION OTHER SUBSIDY CHIC	486,000 TOTAL 486,000 C 15,000	6. NEED FOR PROJECT To provide an outlet for residential and industrial development on both sides of Rymal Road between the C.N.R. Line and Upper Sherman Avenue.
2. MAP TO LOCATE PROJECT	AMOUNT TO BE REGIONAL ST. PROPERTY OWNE OTHER 5. CASH FLOW O.M.B. REQUI	TOTAL 471,000 RED Received S:	
3. DESCRIPTION Storm box sewer, approx. size 13' x 9' and 42" dia. storm sewer.	1980 1981 1982 1983 1984 1985 AND AF	136,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

FILE NO.

CAPITAL BUDGET PAGE 11

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL 1. PROJECT Sheaffe Street, from Caroline to Bay St. - Reconstruction of Sewers 2. MAP TO LOCATE PROJECT

CHARGONS ALL

Local storm sewers, private drains and road repairs. Approx. size

DESCRIPTION

12" to 15" dia.

T			
	4. CAPITAL COST ESTIMATE		6. NEED FOR PROJECT
	OTHER	3,000	Reconstruction of existing sewer which has structurally failed
	SUBSIDY CONTRIBUTIONS		
-		NIL 3,000	
	AMOUNT TO BE FINANCED: REGIONAL St.S.R. 58 PROPERTY OWNERS OTHER	3,000	
	TOTAL 58	3,000	
	5. CASH FLOW		
	o.M.B. REQUIRED		
	EXPENDITURES:		
_	PRIOR TO BUDGET 40	,000	1. "
	1980	3,000	
	1981		7. EFFECT ON CURRENT BUDGET
	1982		
	1983		DEBT CHARGES
	1904		ANNUAL COSTS
	1985 AND AFTER TOTAL 58	8 000	JATOT
	TOTAL 30	7,000	

Storm Sewers

37212

DEPT./AGENCY Engineering

FUNCTION

PROJECT NO.

REGIONAL MUNICIPALITY OF	HAMILTON-WENTWORTH
1980/84 CAPITAI	DUDGET
PROJECT I	DETAIL

Storm Sewers FUNCTION

50,000

20,000

30,000

30,000

Received

50,000

TOTAL 50,000

PROJECT NO.

38242

TILE NO. 808-11

6. NEED FOR PROJECT

failed structurally.

To replace the existing

combined sewer, which has

The replacement must be done in conjunction with the

road reconstruction in 1978.

CAPITAL BUDGET PAGE 11

DEPT./AGENCY Engineering

1. PROJECT

Hilton Street from Markland St. to Aberdeen Ave.

- Sewer reconstruction

2. MAP TO LOCATE PROJECT

DESCRIPTION

Local storm sewers, 460 and 530 mm dia.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

50,000 TOTAL 20,000

SUBSIDY M.T.C. CONTRIBUTIONS TOTAL

NET COST

AMOUNT TO BE FINANCED: REGIONAL St.S.R. PROPERTY OWNERS

> 30,000 TOTAL

CASH FLOW O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980

OTHER

1981 1982

1984

1983

1985

AND AFTER

DEBT CHARGES

JATOT

ANNUAL COSTS

EFFECT ON CURRENT BUDGET

FUNCTION Storm Sewers

38243

FILE NO. 823-29

PROJECT DETAIL

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE

1. PROJECT

Wentworth Street - from Main Street to T.H.&B. Main Line

MAP TO LOCATE PROJECT

4. CAPITAL COST ESTIMATE

LAND

360,000

PROJECT NO.

360,000 TOTAL

SUBSIDY CONTRIBUTIONS

CONSTRUCTION

OTHER

NET COST

TOTAL NIL

TOTAL

PROPERTY OWNERS OTHER

AMOUNT TO BE FINANCED:

REGIONAL St. S.R.

160,000

360,000

360,000

360,000

200,000

CASH FLOW

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 360,000

6. NEED FOR PROJECT

The Region proposes to

and existing combined

reconstruct the pavement

sewer is severely overloaded.

Received

*EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL

3. DESCRIPTION

Storm relief sewer 610 to 760 mm dia.

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET . PROJECT DETAIL	PROJEC	CT NO. H2309 /AGENCY Engineering	FILE NO. CAPITAL BUDGET PAGE 12
1. PROJECT Upper Wentworth Street and Stone Church Road from approximately 430 metres north of Stone Church Road to approx. 240 metres west of Upper Wentworth Street - Region's Portion 2. MAP TO LOCATE PROJECT	LAND CONSTRUCTION OTHER TOTAL SUBSIDY M.T.C. CONTRIBUTIONS CF TOTAL NET COST AMOUNT TO BE FINANCE REGIONAL ST.S.R. PROPERTY OWNERS OTHER T.R.	1,700,000 1,700,000 270,000 30,000 10,000 310,000 1,390,000	MEED FOR PROJECT
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET 1980 1981 1982 1983 1984 1985 AND AFTER	Received 410,000 600,000 690,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

.... 19

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL 1. PROJECT

FUNCTION Storm Sewers 38244 PROJECT NO.

DEPT./AGENCY Engineering

FILE NO. 803-14

CAPITAL BUDGET PAGE

. 4. CAPITAL COST ESTIMAT

Dunsmure, Crosthwaite, Archibald, Hope and Kenilworth Ave. - Barons to Barton Street

2. MAP TO LOCATE PROJECT

BARTON .11 -

3. DESCRIPTION

-1i - 1i -

10 4705

LAND.

CONSTRUCTION

OTHER

NET COST

950,000 950,000 TOTAL

SUBSIDY M.T.C. CONTRIBUTIONS

TOTAL

AMOUNT TO BE FINANCED:

REGIONAL ST.S.R. PROPERTY OWNERS

650,000 TOTAL

650,000

Received

900,000

50,000

300,000

300,000

650,000

5. CASH FLOW

OTHER T.R.

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1985

NEED FOR PROJECT

To reduce basement flooding.

TFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS TOTAL

private drains and road repairs.

Local storm sewer, approx. 1220 mm dia.

1983 1984

AND AFTER

TOTAL 950,000

REGIONAL MUNICIPALITY OF MAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION Storm Sewers

370,000

370,000

170,000 40,000

PROJECT NO.

39214 DEPT./AGENCY Engineering FILE NO. 819-18

CAPITAL BUDGET PAGE 12

6. NEED FOR PROJECT

to new trunk.

Upgrade overloaded sewers

and connect the new sewers

1. PROJECT

Charlton System

- Storm Sewers

4. CAPITAL COST ESTIMATE

LAND.

CONSTRUCTION

OTHER

NET COST

TOTAL

TOTAL

SUBSIDY M.T.C. CONTRIBUTIONS T.R.

> 210,000 160,000

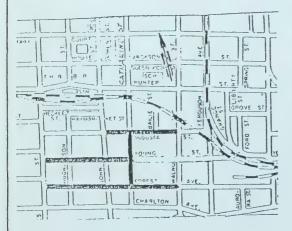
AMOUNT TO BE FINANCED: REGIONAL ST.S.R. PROPERTY OWNERS

160,000 TOTAL

160,000

160,000

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewers, private drains and road repairs. Approx. size 380 to 1070 mm dia.

5. CASH FLOW

OTHER T.R.

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

1980

1981 1982

1983

1984 AND AFTER 1985

TOTAL 160,000

DEBT CHARGES

ANNUAL COSTS

TOTAL

EFFECT ON CURRENT BUDGET

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	CNTWORTH	FUNCTION PROJECT N DEPT./AGE		FILE NO.
1. PROJECT	4. CAPITAL COST	ESTIMATE		6. NEED FOR PROJECT
Young Street, James Street to Catherine Street	LAND CONSTRUCTION OTHER	-	155,000	
- Storm Sewer		TOTAL _	155,000	
	SUBSIDY M.T.C. CONTRIBUTIONS	0-10	70,000	
2. MAP TO LOCATE PROJECT	NET COST	TOTAL _	70,000	
		5		
	AMOUNT TO DE FI REGIONAL PROPERTY OWNERS OTHER		85,000	
	OTHER	TOTAL	85,000	
1	5. CASH FLOW			
	о.м.в. Rėquii	ŒD	Received	
·	EXPENDITURES: PRIOR TO BUDG			
3. DESCRIPTION	1980		155,000	
	1981 1982			7. *EFFECT ON CURRENT BUDGET
	1983			DEBT CHARGES
	1984	II Pa fa		ANNUAL COSTS
	1985 AND AF	TOTAL	155,000	TOTAL

: Ma. 51

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJECT	NO. 39217	FILE NO. CAPITAL BUDGET PAGE 12
1. PROJECT Holton Ave. from Delaware Ave. to 75 metres southerly - Storm Sewers 2. MAP TO LOCATE PROJECT	4. CAPITAL COST ESTIMATE LAND CONSTRUCTION OTHER TOTAL SUBSIDY M.T.C. CONTRIBUTIONS TOTAL NET COST AMOUNT TO BE FINANCED: REGIONAL PROPERTY OWNERS OTHER	30,000 30,000 14,000 14,000 16,000	S. NEED FOR PROJECT
	5. CASH FLOW O.M.B. RÉQUIRED EXPENDITURES: PRIOR TO BUDGET 1980	16,000 Received	
3. DESCRIPTION	1981 1982 1983 1984 1985 AND AFTER		DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF NAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJE	CT NO. 39219	FILE NO. CAPITAL BUDGET PAGE 13
1. PROJECT Aberdeen Ave. from McDonald to Flatt Ave.	LAND CONSTRUCTION OTHER TOTAL SUBSIDY M.T.C. CONTRIBUTIONS	65,000	6. NEED FOR PROJECT
2. MAP TO LOCATE PROJECT	TOTAL NET COST AMOUNT TO BE FINANCE REGIONAL PROPERTY OWNERS OTHER	30,000	
	TOTAL 5. CASH FLOW O.M.B. REQUIRED EXPENDITURES:	30,000	
3. DESCRIPTION	PRIOR TO BUDGET 1980 1981 1982 1983 1984 1985 AND AFTER	30,000 35,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH FUNCTION Storm Set PROJECT NO. 39220 DEPT./AGENCY Engineer	TILE NO.
1. PROJECT Ottawa St. from Main St. to Maple Ave. - Storm Sewers 2. MAP TO LOCATE PROJECT	LAND 120,000 OTHER TOTAL 120,000 OTHER TOTAL 120,000 OTHER TOTAL 120,000 OTHER TOTAL 50,000 OTHER 30,000 OTHER 40,000 OTHER 40,000 OTHER 40,000 OTHER 40,000 OTHER 40,000 OTHER OTHER 40,000 OTHER OTHER OTTAL 40,000 OTHER OTTAL 40,000 OTHER OTTAL 40,000 OTTAL OTTA	6. NEED FOR PROJECT
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET 1980 90,000 1981 30,000 1982 1983 1984 1985 AND AFTER TOTAL 120,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

		PAGE 63
REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH FUNCTION Storm Set PROJECT NO. 39221 DEPT./AGENCY Engineer	FILE NO.
1. PROJECT Lincoln St. from Barton St. to Linden St. - Storm Sewers 2. MAP TO LOCATE PROJECT	LAND CONSTRUCTION OTHER TOTAL SUBSIDY M.T.C. CONTRIBUTIONS TOTAL 40,000 NET COST AMOUNT TO BE FINANCED: REGIONAL PROPERTY OWNERS OTHER TOTAL 40,000	6. NEED FOR PROJECT
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET 1980 80,000 1981 1982 1983 1984 1985 AND AFTER TOTAL 80,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

		1'AGI, 64
REGIONAL MUNICIPALITY OF MAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	FUNCTION Sewage Wo PROJECT NO. 39202 DEPT./AGENCY Engineer	TILE NO.
1. PROJECT Southwest Central Area, Reconstruction of Sewers on Bold St. from Bay St. to Hess Street 2. MAP TO LOCATE PROJECT	4. CAPITAL COST ESTIMATE LAND CONSTRUCTION 260,000 OTHER TOTAL 260,000 SUBSIDY M.T.C. 125,000 CONTRIBUTIONS TOTAL 125,000 135,000 AMOUNT TO BE FINANCED: REGIONAL 135,000 PROPERTY OWNERS OTHER	6. NEED FOR PROJECT
3. DESCRIPTION	TOTAL 135,000 5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET 1980 270,000 1981 1982 1983 1984 1985 AND AFTER TOTAL 270,000	7. *EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION Transportation - Storm Sewers

PROJECT NO. 30215

FILE NO.

DEPT./AGENCY Engineering

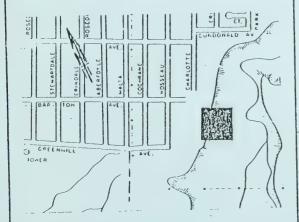
CAPITAL BUDGET PAGE 13

1. PROJECT

Greenhill Ave., - Storage - Treatment basin, Engineering and Land

Hamilton

MAP TO LOCATE PROJECT



3. DESCRIPTION

90 Million litre partially covered storage tank and settling basin.

4. CAPITAL COST ESTIMATE

LVND 50 000 CONSTRUCTION OTHER 170 000 220 000 TOTAL SUBSIDY CONTRIBUTIONS

TOTAL

220 000 NET COST

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS OTHER

TOTAL

220 000

120 000

220 000

NIL

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980 100 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL 220 000

6. NEED FOR PROJECT

To reduce pollution in Red Hill Creek and Burlington Bay by controlling overflow from the combined sewer trunk.

7. EFFECT ON CURRENT BUDGET

26 700 DEBT CHARGES

ANNUAL COSTS

26 700 TOTAL

N/A

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

Hamilton

FUNCTION Storm Sewers

PROJECT NO. 30230

DEPT./AGENCY Engineering

ing.

FILE NO. 816-38 CAPITAL BUDGET PAGE 14

6. NEED FOR PROJECT

The existing combined sewer

storm drainage of the area.

Storm sewers must be installed

planned road reconstruction in

1980 to reduce basement flood.

is inadequate in size for

in conjunction with the

1. PROJECT

MAP TO LOCATE PROJECT

from King Street to 150 metres

Province Street,-

Southerly,-

Storm Sewers

4. CAPITAL COST ESTIMATE

LAND

OTHER

CONSTRUCTION

SUBSIDY M.T.C.

CONTRIBUTIONS

85 000

85 000

TOTAL

40 000

TOTAL

40 000

NET COST

45 000

AMOUNT TO BE FINANCED: REGIONAL ST.S.R.

PROPERTY OWNERS OTHER

TOTAL

45 000

45 000

CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1985 AND AFTER

DEBT CHARGES

ANNUAL COSTS

TOTAL

EFFECT ON CURRENT BUDGET

5.600

5 500

100

3. DESCRIPTION

Local storm sewers,approx. size 450 mm dia., approx. length 150 metres. 85 000

1983

1984

TOTAL 85 000

FUNCTION Storm Sewers

PROJECT NO. 30231

FILE NO. 814-09

CAPITAL BUDGET PAGE 14

DEPT./AGENCY Engineering

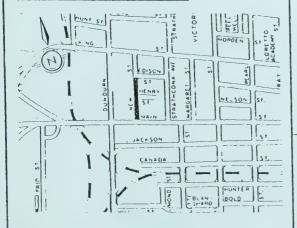
1. PROJECT

New Street -

from Main Street to Edison Street -Storm Sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewers, approx. size 450 mm dia., approx. length 190 metres.

4. CAPITAL COST ESTIMATE

LAND			
CONSTRUCTION OTHER		115	000
	TOTAL	115	000
SUBSIDY M.T.C CONTRIBUTIONS	2.	50	000
	TOTAL	50	000
NET COST		65	000

AMOUNT TO BE FINANCED: REGIONAL ST.S.R.

PROPERTY OWNERS
OTHER

TOTAL

65 000

65 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

115 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL 115 000

6. NEED FOR PROJECT

The existing combined sewer is inadequate in size for storm. drainage of the area.

Storm sewers must be installed in conjunction with the planned road reconstruction in 1980 to reduce basement flooding.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

7 900

ANNUAL COSTS

100

TOTAL 8 000

Storm Sewers FUNCTION

PROJECT NO.

30232

30 000

30 000

50 000

DEPT./AGENCY Engineering

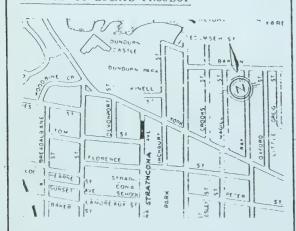
FILE NO. 819-46 CAPITAL BUDGET PAGE 14

1. PROJECT

Strathcona Avenue from 40 metres South of York Street to Tom Street -Storm Sewers

Hamilton

2. MAP TO LOCATE PROJECT



DESCRIPTION

Local storm sewers, approx. size 450 mm dia., approx. length 84 metres

4. CAPITAL COST ESTIMATE

LAND

CONSTRUCTION OTHER	50 000
TOTAL	50 000
SUBSIDY M.T.C. CONTRIBUTIONS	20 000
TOTAL	20 000

NET COST

AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS OTHER

TOTAL

30 000

CASH FLOW

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL. 50 000

HEED FOR PROJECT

Completion of storm sewer installation on Strathcona Avenue from the South end of existing stub at York Street to Tom Street, for utilizing the new storm sewer system on York Street and relieving overload in the existing combined sewer system.

EFFECT ON CURRENT BUDGET

DEBT CHARGES 3 600 100

ANNUAL COSTS

TOTAL 3 700

FUNCTION Storm Sewers PROJECT NO. 30233 DEPT./AGENCY Engineering

205 000

FILE NO. 802-31 CAPITAL BUDGET PAGE 14

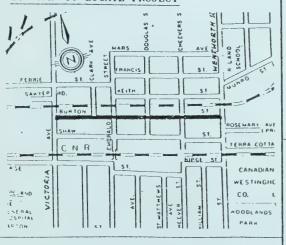
1. PROJECT

Burton Street from Victoria to Wentworth,-

Storm sewers and sewer repairs.

Hamilton

MAP TO LOCATE PROJECT



DESCRIPTION 3.

Storm sewers and combined sewer repairs, approx. size 600 to 900 mm dia., approx. length 420 m

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		365 000
	TOTAL	365 000
SUBSIDY MTC CONTRIBUTIONS		160 000
	TOTAL	160 000
NET COST		205 000

AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS

> TOTAL 205 000

CASH FLOW

OTHER

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

19.83

1984

1985 AND AFTER

365 000 TOTAL

365 000

NEED FOR PROJECT

The existing combined sewer is inadequate in size for storm drainage of the area.

Storm sewers must be installed in conjunction with the planned road reconstruction by Area Municipality in 1980 to reduce basement flooding.

*EFFECT ON CURRENT BUDGET

DEBT CHARGES

24 900

200

ANNUAL COSTS

25 100

TOTAL

70

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Storm Sewers

PROJECT NO. 30234

DEPT./AGENCY Engineering

FILE NO.

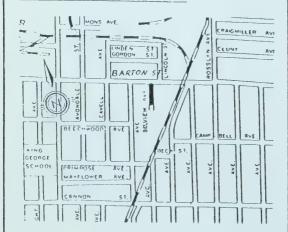
CAPITAL BUDGET PAGE 14

1. PROJECT

Belview Avenue from Barton St. to 80 m southerly, - Storm sewers.

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewer, approx. size 525 mm dia., approx. length 80 metres.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

50 000 50 000

20 000

SUBSIDY M.T.C. CONTRIBUTIONS

20 000

NET COST

30 000

AMOUNT TO BE FINANCED: REGIONAL ST. S.R.

PROPERTY OWNERS OTHER

TOTAL

TOTAL

TOTAL

30 000

50 000

30 000

CASH FLOW

O.H.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980 1981

1982

1983

1984

1985 AND AFTER

TOTAL 50 000 6. NEED FOR PROJECT

Storm sewers must be installed in conjunction with the planned road reconstruction by Area Municipality in 1980 to relieve the existing overloaded combined sewer syste

EFFECT ON CURRENT BUDGET

DEBT CHARGES

3 600

ANNUAL COSTS

100 3 700 TOTAL

FUNCTION Storm Sewers

PROJECT NO. 30235
DEPT./AGENCY Engineering

FILE NO. 814-10
CAPITAL BUDGET PAGE 14

1. PROJECT

Norway Avenue from Maplewood Avenue to
96 metres Southerly Storm Sewers ...

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewers, approx. size 450 mm dia., approx. length 95 metres.

4. CAPITAL COST ESTIMATE

LAND	
CONSTRUCTION	55 000
OTHER	
TOTAL	55 000
SUBSIDY M.T.C.	25 000
CONTRIBUTIONS	
TOTAL	25 000
NET COST	30 000

AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS

OTHER

 TOTAL

30 000

30 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

·19 80

55 000

1981

19 82

1983

1984

1985 AND AFTER

TOTAL

55 000

6. NEED FOR PROJECT

The existing combined sewer is inadequate in size for storm drainage of the area. Storm sewers must be installed in conjunction with the plannel read reconstruction in 1980 to reduce basement flooding.

7. PEFFECT ON CURRENT BUDGET

DEBT CHARGES

3 600

ANNUAL COSTS
TOTAL

3 700

PROJECT NO. 30236 DEPT./AGENCY Engineering

FUNCTION Storm Sewers

FILE 110. 803-26 CAPITAL BUDGET PAGE 15

1. PROJECT Caroline Street from Bold Street to 52 m Northerly -Sewer reconstruction Hamilton 2. MAP TO LOCATE PROJECT WESAMECES DESCRIPTION Local storm sewer, 300 mm dia., approx. length 55 m

	101
	SUBSIDY M.T.C.
	CONTRIBUTIONS
	TO.
	NET COST
	AMOUNT TO BE FINAN REGIONAL ST. S.F PROPERTY OWNERS OTHER
	OTHER
	ТО
_	
	5. CASH FLOW
	O.M.B. REQUIRED
	EXPENDITURES:
	PRIOR TO BUDGET
	1980
	1981
	1982
	1983
	1984

1985

4. CAPITAL COST ESTIMATE

AND AFTE

LAND

OTHER

CONSTRUCTION

	. 30	000	The existing combined sewer is inadequate for storm drainage of
TOTAL _	30	000	the area and cannot be maintain-
	15	000	ed properly.
TOTAL _		000	Sewers must be reconstructed in conjunction with the planned roadwork in 1980.
FINANCED: S.R. RS	15	000	
тотль	15	000	
IRED 1980 S: DGET	20	000	
,			7. EFFECT ON CURPENT BUDGET
			DEBT CHAPGES 1 800
FTER		000	ANNUAL COSTS 100 TOTAL 1 900
TOTAL	30	000	

NEED FOR PROJECT

PROJECT DETAIL

FUNCTION '

Transportation Storm Sewers

PROJECT NO.

31218

FILE NO. 823-17

DEPT./AGENCY

Engineering

CAPITAL BUDGET PAGE 15

1. PROJECT

Wexford from Main St., to Monterey and on Monterey from Wexford.

Hamilton

2. MAP TO LOCATE PROJECT

100.6 × 10.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10110
S C L L O O O D A R R R R R R R R R R R R R R R R R R	4 A E : 1
C N D W O V W C C N D W D C W O C W T O W O C W T O W O C W T O W O C W T O W O C W T O W O C W T O W O C W T O W O C W T O W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W O C W T O C W T O C W O C W T O C	
MON'S RE-	
1000	

3. DESCRIPTION

Local Relief Sewer together with drains and road repairs.

Approx. size 610 to 910 mm dia. Approx. length $\,$ 610 metres

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER	600 000
TOTAL	600 000
SUBSIDY M.T.C. CONTRIBUTIONS	250 000
TOTAL	250 000
NET COST	350 000
AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS OTHER	350 000
TOTAL	350 000

5. CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

1980

 1981
 .
 100 000

 1982
 500 000

1983

1984

1985 AND AFTER

TOTAL 600 000

6. MEED FOR PROJECT

To reduce basement flooding in Wexford St. area.

7. PEFFECT ON CURRENT BUDGET

DEBT CHARGES
ANNUAL COSTS

42 500

TOTAL

FUNCTION Transportation - Storm Sewers

PROJECT NO. 31219 FILE NO. 821-07

DEPT./AGENCY

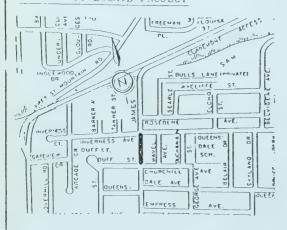
Engineering . CAPITAL BUDGET PAGE 15

1. PROJECT

Upper James St. - Inverness Ave. to Duff St.

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewer, private drains, and road repairs.

Approx. size 1070 mm dia.

Approx. length 138 m

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 150 000 OTHER 150 000 TOTAL. SUBSIDY M.T.C. 60 000 CONTRIBUTIONS

> TOTAL 60 000

NET COST

90 000

AMOUNT TO BE FINANCED: REGIONAL ST. S.R.

PROPERTY OWNERS OTHER T.R.

80 000

10 000

TOTAL

90 000

5. CASH FLOW

O.H.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUIGET

1980

1981

150 000

1982

1983

1984

1985 AND AFTER

TOTAL 150 000

6. NEED FOR PROJECT

To reduce basement flooding on Duff St. and Duff Court.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL

100 9 800

FUNCTION

Transportation Storm Sewers

PROJECT NO.

FILE NO. 807-11

To reduce basement flooding.

6. NEED FOR PROJECT

DEPT./AGENCY

Engineering

31220 --

CAPITAL BUDGET PAGE 15

1. PROJECT

Garfield - Vineland

Hamilton

2. HAP TO LOCATE PROJECT

OF COME RSET	AVE BY BY ESSERTING THE SECOND STATEMENT OF THE SECOND SEC	SCOTT SC
	SENATOR AV	SCOOL SCHOOL T
1.400100# AVC. 6.88876.0	BIVO. CARRICA SPADINA FERROSE	123 45 LE F

3. DESCRIPTION

Storm Relief Sewer together with private drains and road repairs. Approx. size 380 to 460 mm dia.

4. CAPITAL COST ESTIMATE

LAND	
CONSTRUCTION	350 000
OTHER	
TOTAL	350 000
SUBSIDY M.T.C.	350 000
SCHOLDI M.I.C.	150 000

CONTRIBUTIONS TOTAL

150 000

KET COST

200 000

AMOUNT TO BE FINANCED: REGIONAL ST.S.R.

PROFERTY OWNERS OTHER

TOTAL

200 000

200 000

5. CASH FLOW

O.H.B. REQUIPED 1981

EXPENDITURES:

PRIOR TO SUDGET

1980

1981

50 000 300 000

350 000

1982

1983

1984

1985 AND AFTER

TOTAL

DEBT CHARGES ANNUAL COSTS

TOTAL

7. FEFFECT ON CURRENT BUDGET

200 24 500

PROJECT DETAIL

FUNCTION TRANSPORTATION - STORM SEWERS

PROJECT NO. 31222

FILE NO.

DEPT./AGENCY Engineering

200 000

80 000

80 000

120 000

120 000

CAPITAL BUDGET PAGE 15

1. PROJECT

Garfield Ave. N., Fairholt Rd. N. and King St.

Hamilton

2. MAP TO LOCATE PROJECT

	CANNON G d	SCOI"
91 91 91 91 91 91 91 91 91 91 91 91 91 9		SCOIT SERRY SEC SCHOOL ST.
1 A V E		PACSPECT LLM/16

3. DESCRIPTION

Local storm sewers, 300 to 530 mm dia. private drains & road repairs.

Approx. length 214 m

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

200 000 JATOT

SUBSIDY M.T.C. CONTRIBUTIONS

NET COST

OTHER

TOTAL

AMOUNT TO BE FINANCED: REGIONAL ST.S.R. PROPERTY OWNERS

JATOT

120 000

CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

6. NEED FOR PROJECT

To reduce basement flooding

50 000

150 000

JATOT 200 000 7. *EFFECT ON CURRENT BUDGET DEBT CHARGES

ANNUAL COSTS

TOTAL

14 700

14 600

FUNCTION Storm Sewers PROJECT NO. 31223 DEPT./AGENCY Engineering

FILE NO. CAPITAL BUDGET PAGE 15

PROJECT DETAIL

1.	PF	loj	E	C'

Caroline Street from King St. to George St. - Storm sewers.

Hamilton

MAP TO LOCATE PROJECT

ST W O O O	SI SI
51.	GLORGE O SI
	JACKSON ST.
	MUNICAL ST. CENTRAL FILE. BOLD SCHOOL

DESCRIPTION

Local storm sewer, approx. size 525 mm dia... approx. length 92 metres.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

60 000 60 000

25 000

35 000

35 000

SUBSIDY MTC CONTRIBUTIONS

25 000

NET COST

REGIONAL S.T S.R. PROPERTY OWNERS OTHER

AMOUNT TO BE FINANCED:

TOTAL

TOTAL

TOTAL

35 000

CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985

AND AFTER

TOTAL

60 000

60 000

6. NEED FOR PROJECT

The existing combined sewer is inadequate in size for storm drainage of the area.

The completion of storm sewer installation from the existing stub at King St. to George St. is required in conjunction with road reconstruction.

EFFECT ON CURRENT BUDGET

4 300 DEBT CHARGES

100 ANNUAL COSTS 4 400

TOTAL.

78

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION Storm Sewers

FROJECT NO. 31224

DEPT./AGENCY Engineering

170 000

80 000

250 000

FILE NO.

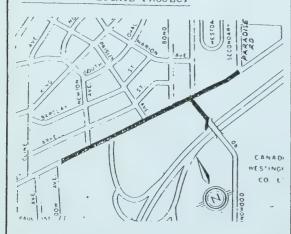
CAPITAL BUDGET PAGE 16

1. PROJECT

Main Street from Paradise Rd. to Dow Ave. and Longwood Rd. outlet, -Storm sewers.

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Storm Sewers with outlet to Chedoke Creek, approx. size 375 to 900 mm dia., approx. length 685 metres.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION		350 000
OTHER	TOTAL	350 000
SUBSIDY MTC. CONTRIBUTIONS		100 000
	TOTAL	100 000
NET COST		250 000

TOTAL

5. CASH FLOW

1980

O.M.B. REQUIRED 1981

EXPENDITURES:

REGIONAL ST. S.R.

PROPERTY OWNERS OTHER T.R.

PRIOR TO BUDGET

1,500				
1981		50	000	
1982		300	000	
1983				
19 84				

19 85 AND AFTER TOTAL 350 000

6. NEED FOR PROJECT

The planned widening of roadway will increase the flow in the existing overloaded combined sewers, therefore storm sewers are required to alleviate this condition.

7. *EFFECT ON CURRENT BUDGET

DEBT CHARGES 20 700
ANNUAL COSTS 300

TOTAL

FUNCTION

PROJECT NO.

DEPT./AGENCY

32216

Engineering

Storm Sewers

823-18 FILE NO.

CAPITAL BUDGET PAGE 16

PROJECT DETAIL

1. PROJECT

Warren Ave. from McElroy Ave. to Mohawk Road and on Mohawk Road to, approximately 128 m easterly

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm relief sewer, private drains and road repairs.

Approx. size 610 to 1070 m dia.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER	500	000
TOTAL	500	000
SUBSIDY M.T.C. CONTRIBUTIONS	200	000
TOTAL	200	000
NET COST	300	000
AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS	260	000
OTHER T.R.	40	000
TOTAL	300	000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 500 000

50 000

450 000

6. NEED FOR PROJECT

To reduce basement flooding in houses on the south side of Muhawk Road and Warren Ave.

7. . EFFECT ON CURRENT BUDGET

DEBT CHARGES

31 600

ANNUAL COSTS

800

TOTAL

PROJECT DETAIL

FUNCTION

Storm Sewers

PROJECT NO.

32217

FILE NO. 801-08

To reduce basement flooding.

6. NEED FOR PROJECT

DEPT./AGENCY

Engineering

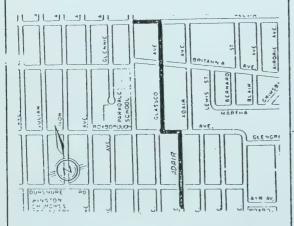
CAPITAL BUDGET PAGE 16

1. PROJECT

Adair, Roxborough, Glasco and Melvin -Parkdale to Barton Street

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Storm Relief Sewer, private drains and road repairs.

Approx. size 610 to 1070 mm dia.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER	,	800	000
	TOTAL	800	000

SUBSIDY M.T.C.

CONTRIBUTIONS

NET COST

TOTAL

500 000

300 000

300 000

AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS OTHER

TOTAL

500 000

500 000

5. CASH FLOW

O.N.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL

DEBT CHARGES

ANNUAL COSTS

TOTAL

61 800

60 800

7. FEFFECT ON CURRENT BUDGET

1 000

800 000

100 000

PROJECT DETAIL

FUNCTION

PROJECT NO. 30215A

DEPT./AGENCY Engineering

Storm Sewers

FILE NO.

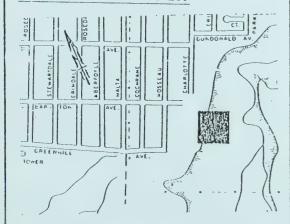
CAPITAL BUDGET PAGE 16

1. PROJECT

Greenhill Ave., Storage treatment basin, -Construction

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

90 Million litre partially covered storage tank and settling basin for storage and partial treatment of overflow from Greenhill Ave. trunk sewer.

4. CAPITAL COST ESTIMATE

LAND

CONSTRUCTION OTHER	2 500 000
TOTAL	2 500 000
SUBSIDY M.O.E. CONTRIBUTIONS	300 000

TOTAL 300 000 2 200 000

AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS OTHER

TOTAL

2 200 000

2 200 000

5. CASH FLOW

NET COST

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982 500 000 1983 1 500 000

1984 500 000

1985 AND AFTER

TOTAL 2 500 000

6. NEED FOR PROJECT

To reduce pollution in Red Hill Creek and Burlington . Bay by controlling overflow from a combined sewer system.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES __267 400

ANNUAL COSTS ____5 000

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1980/84 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION

Storm Sewers

PROJECT NO. 32334

FILE NO.

To reduce basement flooding.

6. NEED FOR PROJECT

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 16

1. PROJECT

Sherman - Cannon Area

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Storm Relief Sewer together with private drains and road repairs.

Approx. size 300 to 610 mm dia.

Approx. length 825 m

	Ψ.	CAPITAL	COST	ESTIMATE
--	----	---------	------	-----------------

LAND CONSTRUCTION		700	000
OTHER		 	
	TOTAL	 700	000

SUBSIDY M.T.C. CONTRIBUTIONS

TOTAL

300 000

300 000

NET COST

400 000

AMOUNT TO BE FINANCED:

REGIONAL ST. S.R. PROPERTY OWNERS

OTHER T.R.

TOTAL

TOTAL

400 000

360 000

40 000

50 000

650 000

700 000

CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

7. FFFECT ON CURRENT BUDGET

DEBT CHARGES

AUNUAL COSTS

TOTAL

44 100

43 800

PROJECT DETAIL

FUNCTION

- Storm Sewers

PROJECT NO.

32225

FILE NO.

6. NEED FOR PROJECT

To reduce basement

flooding

DEPT./AGENCY

Engineering

CAPITAL BUDGET PAGE 16

1. PROJECT

Belview Avenue,between Dunsmure Road and Roxborough Ave.,-

Storm relief sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local Storm relief sewers, drains and road repairs. Approx. size 380 to 460 mm dia. Approx. length 213 metres 4. CAPITAL COST ESTIMATE

LAND

CONSTRUCTION

SUBSIDY M.T.C.

170 000

170 000

TOTAL

80 000.

CONTRIBUTIONS

TOTAL

80,000

NET COST

90,000

AMOUNT TO BE FINANCED:

REGIONAL ST. S.R.

PROPERTY OWNERS OTHER

TOTAL

90 000

40 000

90 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

130 000

1984

1985 AND AFTER

TOTAL 170 000

7. FFFECT ON CURRENT BUDGET

DEBT CHARGES

10 900

100

ANNUAL COSTS

TOTAL

FUNCTION

TOTAL

- Storm Sewers

PROJECT NO. 32226

FILE NO.

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 17

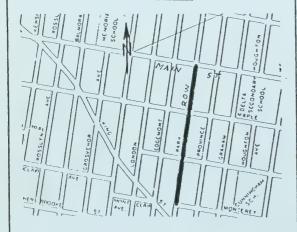
1. PROJECT

Park Row South .from Main Street to Monterey Ave.,-

Storm relief sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm relief sewer together with drains and road repairs. Approx. size 760 to 910 mm dia. Approx. length 550 metres

4. CAPITAL COST ESTINATE

LAND CONSTRUCTION OTHER

470 000

470 000

SUBSIDY M.T.C. CONTRIBUTIONS

200 000

TOTAL NET COST

200 000 270 000

AMOUNT TO BE FINANCED: REGIONAL ST.S.R.

PROPERTY OWNERS OTHER

: TOTAL

270 000

40 000

430, 000

TOTAL 470 000

270 000

5. CASH FLOW

1982 O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

19.80

1981

1982

1983

1984

1985 AND AFTER

6. NEED FOR PROJECT

To reduce basement flooding

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

32 800 200

TOTAL

PROJECT DETAIL

FUNCTION

TOTAL

TOTAL

- Storm Sewers

PROJECT NO. 32227

FILE NO.

To reduce basement

NEED FOR PROJECT

flooding

DEPT./AGENCY Engineering

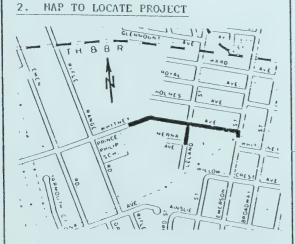
CAPITAL BUDGET PAGE 17

1. PROJECT

Whitney Avenue - Leland Street area,-

Storm relief sewers

Hamilton



3. DESCRIPTION

Local storm relief sewers together with drains and road repairs.

Approx. size 460 to 690 mm dia.

4. CAPITAL COST ESTIMATE

CONSTR	UCTION
OTHER	

450 000 450 000

SUBSIDY M.T.C. CONTRIBUTIONS

220 000 220 000

NET COST

230 000

AMOUNT TO BE FINANCED: REGIONAL ST. S.R.

PROPERTY OWNERS OTHER

TOTAL

230 000

400 000

450 000

230 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982 50 000 1983

TOTAL

1984

1985 AND AFTER

7. FFFECT ON CURRENT BUDGET

DEBT CHARGES

28 000

200

ANNUAL COSTS

28 200

TOTAL

PROJECT DETAIL

FUNCTION

PROJECT NO. 32228

DEPT./AGENCY Engineering

Storm Sewers

FILE NO.

To reduce basement

6. NEED FOR PROJECT

flooding.

CAPITAL BUDGET PAGE 17

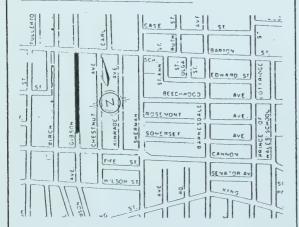
PROJECT

Gibson Avenue,from Cannon St. to Barton St.,-

reconstruction of sewers.

Hamilton

2. HAP TO LOCATE PROJECT



3. DESCRIPTION

Storm Relief Sewer together with road repairs. Approx. size 380 to 530 mm dia.

Approx. length 250 m

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

SUBSIDY M.T.C. CONTRIBUTIONS

TOTAL

TOTAL

100 000

240 000

240 000

100 000

NET COST

140 000

AMOUNT TO BE FINANCED: REGIONAL ST.S.R.

PROFERTY OWNERS OTHER

TOTAL

140 000

40 000

200 000

240 000

140 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980.

1981

1982

1983

1984

1985 AND AFTER

TOTAL.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL

17 100

17 000

87

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Storm Sewers

PROJECT NO. 33242

FILE NO. 819-18

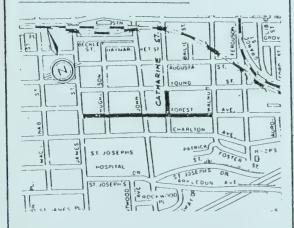
DEPT./AGENCY Engineering . CAPITAL BUDGET PAGE 17

PROJECT

Forest Avenue and Catharine Street,-Storm sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Forest Ave. from James St. to Walnut St., and Catharine St. from Forest Ave. to Young St.,-

Local storm sewers,approx. size 375 to 1050 mm diameter, approx. length 595 metres

4. CAPITAL COST ESTIMATE

CONSTRUCTION OTHER	420 000
TOTAL	420 000
SUBSIDY M.T.C.	200 000
CONTRIBUTIONS	

TOTAL

200 000

NET COST

220 000

AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS OTHER

TOTAL

220 000

220 000

CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

70 000

1984

350 000

1985 - AND AFTER

TOTAL 420 000

6. NEED FOR PROJECT

To eliminate overloaded sewers and to utilize the new storm trunk sewer.

EFFECT ON CURRENT BUDGET

DEBT CHARGES

26 700

ANNUAL COSTS

26 900

200

TOTAL

17

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION Storm Sewers PROJECT NO. 33243

DEPT./AGENCY Engineering

FILE NO. 302-27 CAPITAL BUDGET PAGE

1. PROJECT

Balsam Avenue from Beechwood Avenue to 158 metres Southerly -Storm Sewers

MAP TO LOCATE PROJECT

STADIUM

5CH001

GEORGE

Hamilton

MATTLOWER AVE

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER TOTAL

SUBSIDY M.T.C.

CONTRIBUTIONS

100 000 100 000

40 000

TOTAL

40 000

NET COST

OTHER

60 000

AMOUNT TO BE FINANCED: REGIONAL ST.S.R.

PROPERTY OWNERS

TOTAL.

60 000

60 000

3. DESCRIPTION

LYATOR AV

Local storm sewers, approx. size 450 mm dia., approx. length 158 metres.

CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL

100 000

20 000

80 000

6. NEED FOR PROJECT

The existing combined sewer is inadecuate in size for storm drainage of the adjoining Brian Timis Stadium. The City of Hamilton has requested for provision of storm sewers on Balsam Avenue for this reason.

EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS TOTAL

100 7 400

PROJECT DETAIL

FUNCTION Storm Sewers

PROJECT NO. 33244

DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 17

1. PROJECT

Simcoe Street,-

from John Street to Catharine Street - Storm Sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewers,

Approx. size 525 mm dia.,

Approx. length 115 metres

ц.	CAPITAL	COST	ESTIMATE

LAND CONSTRUCTION OTHER		80	000
	TOTAL		000

SUBSIDY M.T.C.
CONTRIBUTIONS

TOTAL

NET COST

45 000

35 000

35 000

45 000

AMOUNT TO BE FINANCED: REGIONAL ST.S.R. PROPERTY OWNERS OTHER

ΤΟΤΛL 45 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL

80 000

80 000

6. NEED FOR PROJECT

To reduce basement flooding.

7. EFFECT ON CURPENT BUDGET

DEBT CHARGES
ANNUAL COSTS

TOTAL

TAL 5 600

5 500

FUNCTION Storm Sewers PROJECT NO. 33246 DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 18

FILE NO.

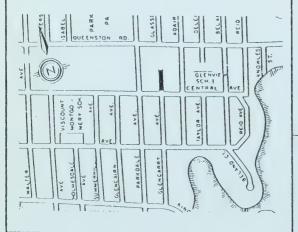
1. PROJECT

Glencarry Avenue from Central Avenue to 82 metres Northerly -

Storm Sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewers. approx. size 375 mm dia., approx. length 83 metres.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 50 000 OTHER 50 000 TOTAL SUBSIDY M.T.C. 20 000 CONTRIBUTIONS 20 000 TOTAL NET COST 30 000 AMOUNT TO BE FINANCED: REGIONAL ST.S.R. 30 000 PROPERTY OWNERS OTHER

TOTAL

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 50 000

50 000

30 000

6. NEED FOR PROJECT

To reduce basement flooding.

EFFECT ON CURPENT BUDGET

DEBT CHARGES

3 600

ANNUAL COSTS

100

JATOT 3 700

PROJECT DETAIL

FUNCTION Storm Sewers

PROJECT NO. 33247

DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 18

1. PROJECT

Emerald Street, from Main Street to 250 metres Southerly,-Storm Sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewers, approx. size 450 to 525 mm dia., approx. length 250 metres.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		 170	000
	TOTAL	170	000

SUBSIDY M.T.C.. CONTRIBUTIONS

TOTAL

80 000 90 000

80 000

NET COST

AMOUNT TO BE FINANCED: REGIONAL ST. S.R. PROPERTY OWNERS OTHER

TOTAL

90 000

90 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 170 000

170 000

6. NEED FOR PROJECT

To reduce basement flooding.

*EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

11 000

10 900

100

TOTAL

FUNCTION Storm Sewers
PROJECT NO. 33248

DEPT./AGENCY Engineering

FILE NO. 814-11
CAPITAL BUDGET PAGE 18

1. PROJECT

Niagara and Munro Streets, -Storm Sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm relief sewers,
approx. size 375 to 525 mm dia.,
approx. length 250 metres.

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION
OTHER
TOTAL

OTAL 185 000

SUBSIDY M.T.C. CONTRIBUTIONS

TOTAL

TOTAL

80 000

80 000

185 000

NET COST

OTHER

105 000

AMOUNT TO BE FINANCED: REGIONAL ST.SR.

PROPERTY OWNERS

105 000

105 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

185 000

1984

1985 AND AFTER

TOTAL 185 000

6. NEED FOR PROJECT

To reduce basement flooding

7. *EFFECT ON CURRENT BUDGET
DEBT CHARGES 12 800

AMMUAL COSTS

100

TOTAL

93

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION

Transportation Storm Sewers

PROJECT NO.

36207A

To relieve an existing trunk storm sewer servicing the

6. NEED FOR PROJECT

C.B.D. of Hamilton.

FILE NO. 813-14

DEPT./AGENCY

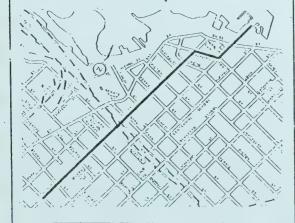
Engineering CAPITAL EUDGET PAGE 18

1. PROJECT

McNab St. Storm Sewer - Cannon St. to Harbour - Construction

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Trunk Storm Sewer

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

4 200 000

TOTAL.

4 200 000

SUBSIDY M.T.C. CONTRIBUTIONS

1 000 000

TOTAL

1 000 000

NET COST

3 200 000

AMOUNT TO BE FINANCED:

REGIONAL ST.S.R. PROPERTY OWNERS

3 200 000

OTHER

TOTAL

3 200 000

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

200 000

1985 AND AFTER

4 000 000 TOTAL 4 200 000 7. .EFFECT ON CURRENT BUDGET

DEBT CHARGES

389 000

ANNUAL COSTS

2 200

TOTAL

FUNCTION Storm Sewers

PROJECT NO. 34215 DEPT./AGENCY Engineering

FILE NO.

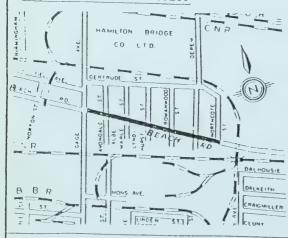
CAPITAL BUDGET PAGE 18

1: PROJECT

Beach Road from Gage Ave. to Northcote St., - Storm sewers and sewer repairs.

Hamilton

MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewers, approx. size 750 to 1,050 mm dia., approx. length 350 metres.

CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		260	000
	TOTAL	260	000
SUBSIDY M.T.C. CONTRIBUTIONS		. 90	000
	TOTAL	90	000
NET COST		170	000
AMOUNT TO BE FI REGIONAL ST. S. PROPERTY OWNERS OTHER	R.	170	000
	TOTAL	170	000

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

19 84

1985 AND AFTER

60 000 200 000

260 000 LATOT

NEED FOR PROJECT

The existing combined sewer is inadequate in size for storm drainage of the area.

Storm sewers must be installed in conjunction with the planned road reconstruction to reduce basement flooding.

*EFFECT ON CURPENT BUDGET

DEBT CHARGES 20 700 ANNUAL COSTS 100 TOTAL

FUNCTION Storm Sewers

DEPT./AGENCY Engineering

PROJECT NO. 34216

CAPITAL BUDGET PAGE 18

FILE NO.

1. PROJECT

Glendale Avenue from Barton St. to Primrose Ave., - Storm sewers.

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Local storm sewers, approx. size 450 to 525 mm dia., approx. length 300 metres.

4. CAPITAL COST ESTIMATE

190	000
OTAL190	000
80	000
OTAL80	000
110	000
	0TAL 190

AMOUNT TO BE FINANCED: REGIONAL ST. S. R.

PROPERTY OWNERS OTHER

TOTAL

110 000

110 000

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

19 80

1981

1982

1983

19 84

1985 AND AFTER

170 000

20 000

TOTAL 190 000

6. NEED FOR PROJECT

The existing combined sewer is inadequate in size for storm drainage of the area.

Storm sewers must be installed in conjunction with the planned road reconstruction to reduce basement flooding.

7. • EFFECT ON CURPENT BUDGET

TOTAL

DEBT CHARGES

13 400

ANNUAL COSTS

100

FUNCTION Storm Sewers PROJECT NO. 34217

DEPT./AGENCY Engineering

FILE HO.

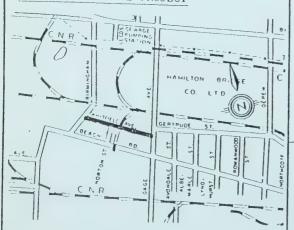
CAPITAL BUDGET PAGE 19

1. PROJECT

Whitfield Avenue from Birmingham St. to Gage Ave., - Storm sewers.

Hamilton

2. MAP TO LOCATE PROJECT



DESCRIPTION

Local storm sewers. approx. size 450 to 600 mm dia., approx. length 200 metres.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 130 000 OTHER TATOT 130 000 SUBSIDY M.T.C. 60 000 CONTRIBUTIONS TOTAL 60 000 NET COST 70 000 AMOUNT TO BE FINANCED: REGIONAL ST. S.R. 70 000 PROPERTY OWNERS OTHER

JATOT

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

10 000

70 000

120 000 TOTAL. 130 000

NEED FOR PROJECT

The existing combined sewer is inadequate in size for storm drainage of the area.

Storm sewers must be installed in conjunction with the planned road reconstruction to reduce basement flooding.

EFFECT ON CURRENT BUDGET

DEBT CHARGES 8 500

ANNUAL COSTS TOTAL.

8 600

FUNCTION Storm Sewers

PROJECT NO. 80 000

FILE NO.

PROJECT DETAIL

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 20&22

1. PROJECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
Rated Storm Sewers & minor improvements	LAND CONSTRUCTION 2 600 000 OTHER	This item provides for financing of Local Improve-ment Act projects and minor.
1980	TOTAL 2 600 000	works, normally arising from road construction.
	SUBSIDY M.T.C. 400 000 CONTRIBUTIONS	1
	TOTAL 400 000	
2. MAP TO LOCATE PROJECT	NET COST 2 200 000	
	AMOUNT TO BE FINANCED:	
	REGIONAL ST.S.R. 1 300 000 PROPERTY OWNERS 600 000	
	OTHER T.R. 300 000	
	ТОТАЬ 2 200 000	
,	5. CASH FLOW	
	O.M.B. REQUIRED 1980	
	EXPENDITURES:	
	PRIOR TO BUDGET	
3. DESCRIPTION	1980 1 000 000	
	1981 1 600 000	7. *EFFECT ON CURRENT BUDGET
Financing of various projects	1982	7. EFFECT ON CORRENT BODGET
	1983	DEBT CHARGES
	1984	ANNUAL COSTS
	1985 AND AFTER	TOTAL
	TOTAL 2 600 000	

PROJECT DETAIL

FUNCTION Storm Sewers
PROJECT NO. 81 000

DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 20&22

		SINCE THE DODOLL THOU ZUGZZ
1. PROJECT Rated Storm sewers and Minor Improvements 1981	4. CAPITAL COST ESTIMATE LAND CONSTRUCTION 2 100 000 OTHER	6. NEED FOR PROJECT See item #80 000
2. MAP TO LOCATE PROJECT	TOTAL 2 100 000 SUBSIDY M.T.C. 300 000 CONTRIBUTIONS TOTAL 300 000	
	AMOUNT TO BE FINANCED: REGIONAL ST. S.R. 1 100 000 PROPERTY OWNERS 600 000 OTHER T.R. 100 000	
	TOTAL 1 800 000	
3. DESCRIPTION	O.M.B. REQUIRED 1981 EXPENDITURES: PRIOR TO BUDGET 1980	
Financing of various projects	1981 900 000 1982 1 200 000 1983 1984	7. EFFECT ON CURRENT BUDGET DEBT CHARGES
	1985 AND AFTER TOTAL 2 100 000	ANNUAL COSTS TOTAL

FUNCTION Storm Sewers

PROJECT NO. 82 000

FILE NO.

PROJECT DETAIL

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE20&22

1. PROJECT	4. CAPITAL COST ESTIMATE		C NEED FOR PROJECT
Rated Storm sewers and	CHITTIE COST ESTIMATE	-	6. NEED FOR PROJECT
Minor Improvements	LAND		See item #80 000
Timor Improvements	CONSTRUCTION	2 200 000	
1982	OTHER .		
	TOTAL	2 200 000	
	SUBSIDY M.T.C.	400.000	
	CONTRIBUTIONS		
	TOTAL	400 000	
2. MAP TO LOCATE PROJECT	NET COST	1 800 000	
	NEI COSI	1 000 000	·
	AMOUNT TO BE FINANCED:		
	REGIONAL ST.S.R.	1 100 000	
	PROPERTY OWNERS	600 000	
r	OTHER T.R.	100 000	
	mam.	1 800 000	
	TOTAL	1 800 000	* *,
	5. CASH FLOW		
	O.M.B. REQUIRED 1982		
	EXPENDITURES:		
	PRIOR TO BUDGET		
3. DESCRIPTION	19 80		
Pinancina of vanious projects	19 81		7 PERFOR ON OURDENIN PURCES
Financing of various projects	19 82	800 000	7. EFFECT ON CURRENT BUDGET
	19 83	1 400 000	DEBT CHARGES
	19 84		
			ANNUAL COSTS
	19 85 AND AFTER TOTAL	2 200 000	TOTAL
	TOTAL	2 200 000	

PROJECT DETAIL

FUNCTION Storm Sewers

PROJECT NO. 83 000

FILE NO.

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE20&22

1. PROJECT	4. CAPITAL COST ESTIMATE		6. NEED FOR PROJECT
Rated Storm Sewers and Minor Improvements	LAND CONSTRUCTION	2 300 000	See item #80 000
	OTHER		
1983	TOTAL	2 300 000	
	SUBSIDY M.T.C. CONTRIBUTIONS	400 000	
	TOTAL	400 000	
2. MAP TO LOCATE PROJECT	NET COST	1 900 000	
	AMOUNT TO BE FINANCED:		
	REGIONAL ST.S.R.	1 000 000	
	PROPERTY OWNERS 'OTHER T.R.	700 000 200 000	
	OTHER T.R.	200 000	
	TOTAL	1 900 000	· s,
	5. CASH FLOW		
	O.M.B. REQUIRED 1983		
	EXPENDITURES:		•
	PRIOR TO BUDGET		
3. DESCRIPTION	1980		
J. DESCRIPTION	1981		
	1982		7. *EFFECT ON CURRENT BUDGET
Financing of various projects	1983	1 000 000	DEBT CHARGES
	10-1		
	1984	1 300 000	ANNUAL COSTS

FUNCTION Storm Sewers

PROJECT NO. 84 000

FILE NO.

PROJECT DETAIL

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE20&23

1. PROJECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
Rated storm sewers and minor improvements	LAND CONSTRUCTION 2 400 000 OTHER	See Item #80 000
1984	TOTAL 2 400 000	
	SUBSIDY M.T.C. 500 000 CONTRIBUTIONS	
2. MAP TO LOCATE PROJECT	TOTAL 500 000 NET COST 1 900 000	
	AMOUNT TO BE FINANCED: REGIONAL ST.S.R. 1 000 000	
	PROPERTY OWNERS 700 000 OTHER T.R. 200 000	
	TOTAL 1 900 000	- 15
	5. CASH FLOW	
	O.M.B. REQUIRED 1984	
	EXPENDITURES: PRIOR TO BUDGET	
3. DESCRIPTION	1980	
Financing of various projects	1981 1982	7. *EFFECT ON CURRENT BUDGET
1	1983 1 100 000	DEBT CHARGES
	1984 1 300 000 1985 AND AFTER	ANNUAL COSTS TOTAL
	TOTAL 2 400 000	

		P/GL 102
REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	MINORIN	Sewers 2303 & N2304 FILE NO. ring CAPITAL BUDGET PAGE 21
1. PROJECT Limeridge Road, Upper Wentworth Street, Upper Wellington Street Region's Portion (OHAP-220/1978) 2. MAP TO LOCATE PROJECT	LAND CONSTRUCTION OTHER TOTAL SUBSIDY CONTRIBUTIONS TOTAL NET COST ANOUNT TO BE FINANCED: REGIONAL PROPERTY OWNERS OTHER TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	6. NEED FOR PROJECT
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET 1980 312,000 1981 1982 1983 1984 1985 AND AFTER TOTAL 312,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

			14011	103
REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJECT NO.	Storm Sewers N2309 Engineering	FILE NO. CAPITAL BUDGET PAGE	21
1. PROJECT Upper Wentworth Street and Stone Church Road Trunk Sewer - Region's Portion 2. MAP TO LOCATE PROJECT	OTHER TOTAL SUBSIDY CONTRIBUTIONS TOTAL	6. 25,000 NIL 25,000	NEED FOR PROJECT	
	AMOUNT TO DE FINANCED: REGIONAL PROPERTY OWNERS OTHER TOTAL			
3. DESCRIPTION	1982 1983 1984 1985 AND AFTER	7. 7.	EFFECT ON CURRENT BUD DEBT CHARGES ANNUAL COSTS TOTAL	GET

				11101, 1U4
REGIONAL MUNICIPALITY OF MAMILTON-W 1980/84 CAPITAL BUDGET PROJECT DETAIL	ENTWORTH	FUNCTION PROJECT	' NO. 79000A	FILE NO.
1. PROJECT Rated Storm sewers and Minor	4. CAPITAL COS	T ESTIMAT	E	6. NEED FOR PROJECT
Improvements	CONSTRUCTION	TOTAL	600,000	See Item #80000
	SUBSIDY M.T.(CONTRIBUTIONS	Ç.,		
2. MAP TO LOCATE PROJECT	NET COST	TOTAL	NIL 600,000	
	AMOUNT TO BE REGIONAL ST.S PROFERTY OWNE OTHER T.R.	S.R.	600,000	
		TOTAL	600,000	
	5. CASH FLOW			
	I O.M.B. REOU	TRED 198	33	

	PROFERTY OWNERS ' OTHER T.R. TOTAL 600,00	
	5. CASII FLOW	
	O.M.B. REQUIRED 1983	
	EXPENDITURES:	
	PRIOR TO BUDGET	
3. DESCRIPTION	1980 600,00	00
	1981	
Financing of various projects.	1982	7. EFFECT ON CURRENT BUDGE
	1983	DEBT CHARGES
	1984	ANNUAL COCING
	1905 AND AFTER	ANNUAL COSTS
	TOTAL GOOD	TOTAL

TOTAL 600,000

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION Storm Sewers

266,000

TOTAL

PROJECT NO. 78000A DEPT./AGENCY Engineering

FILE NO.

JATOT

CAPITAL BUDGET PAGE 22

1. PROJECT 4. CAPITAL COST ESTIMATE 6. NEED FOR PROJECT LVND CONSTRUCTION 266,000 See item #80000 Rated Storm Sewers and Minor OTHER Improvements 266,000 TOTAL 1977-78 SUBSIDY M.T.C. CONTRIBUTIONS NIL TOTAL 2. MAP TO LOCATE PROJECT 266,000 NET COST AMOUNT TO BE FINANCED: 266,000 REGIONAL ST.S.R. PROFERTY OWNERS OTHER T.R. TOTAL 266,000 CASH FLOW O.M.B. REQUIRED 1983 **EXPENDITURES:** PRIOR TO BUDGET 266,000 1980 DESCRIPTION 1981 EFFECT ON CURRENT BUDGET 7. Financing of various projects. 1982 1983 DEBT CHARGES 1984 ANNUAL COSTS

1985 AND AFTER







		ti talan da kalan da da kalan	11101 100
REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PRO	TION Sewage Work ECT NO. 38224 C./AGENCY Engineerin	FILE NO. G CAPITAL BUDGET PAGE 24
	4. CAPITAL COST ESTI LAND CONSTRUCTION OTHER TOTA SUBSIDY CONTRIBUTIONS TOTA NET COST AMOUNT TO BE FINANCE REGIONAL S. Surchate PROPERTY OWNERS OTHER TOTA 5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET 1980 1981	22,650,000 430,000 11, 23,080,000 3,847,000 12,233,000 ED:	
	1982 1983 1984 1985 AND AFTER	OTAL 23,080,000	DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL NUNICIPALITY OF HANILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH	FUNCTION PROJECT NO. DEPT./AGENCY	Sewage Wor 39900 Y Engineerin	FILE NO.
1. PROJECT Saltfleet Sewer completed by M.O.E. Region's Portion - 30 years - 8% 2. MAP TO LOCATE PROJECT	LAND CONSTRUCTION OTHER SUBSIDY CONTRIBUTIONS NET COST AMOUNT TO BE REGIONAL PROPERTY OWNE OTHER	TOTAL	800,000 NIL 800,000 800,000	6. NEED FOR PROJECT
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUENTED EXPENDITURE PRIOR TO BUT 1980 1981 1982 1983 1984 1985 AND A	S: DGET FTER	800,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

11101, 101

1980/84 CAPITAL BUDGET		PROJECT NO	. 34702	FILE NO.
PROJECT DETAIL		DEPT./AGEN	CY Engineeri	ng CAPITAL BUDGET PAGE 24
1. PROJECT Expansion of Sewage Treatment Plant - Design King Street - Dundas (OHAP-200) 1977	LAND CONSTRUCTION OTHER Design SUBSIDY CONTRIBUTIONS	TOTAL	200,000	6. NEED FOR PROJECT To provide additional capacity for growth in Dundas
2. MAP TO LOCATE PROJECT	NET COST	TOTAL	NIL 200 000	
October 1 September 1 Septembe	AMOUNT TO BE REGIONAL S. PROPERTY OWNE	Surcharge	200,000	
A CO	5. CASH FLOW O.M.B. RÈQU EXPENDITURE PRIOR TO BU	:S:	ece1ved	
3. DESCRIPTION	1980 1981		200,000	
To expand existing sewage	1982			7. °EFFECT ON CURRENT BUDGET
treatment Plant from 1.5 M.I.G.D. to 4.0 M.I.G.D.	1983			DEDT CHARGES
	1984			ANNUAL COSTS
	1985 AND A	FTER TOTAL	200,000	TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

Sewage Works

REGIONAL MUNICIPALITY OF HAMILTON-W 1980/84 CAPITAL BUDGET PROJECT DETAIL	PHYMORYH	Sewage Works 35249 FILE NO. Engineering CAPITAL DUDGET PAGE 24&3
1. PROJECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
Ancaster Sewer	CONTRIBUTIONS	O,000 Ancaster. Financed at 8% - 40 years. Based on Sewage Flow.
2. MAP TO LOCATE PROJECT	TOTAL 7,50	0,000
	PROPERTY OWNERS OTHER 2,00	0,000 0,000 0,000
	5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET	
3. DESCRIPTION	1980 12,50 1981 1982 1983 1984	7. EFFECT ON CURRENT BUDGET DEBT CHARGES
	1985 AND AFTER TOTAL 12,50	ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WE	CNTWORTH	FUNCTIO	N Sewage Works	3
1980/84 CAPITAL BUDGET		PROJECT	' NO. 34704	FILE NO.
PROJECT DETAIL		DEPT./A	GENCY Engineer	
1. PROJECT	4. CAPITAL COST	r estimat	<u>PE</u>	6. NEED FOR PROJECT
Expansion of the King St. Sewage Treatment Plant	LAND CONSTRUCTION OTHER		2,750,000	To provide additional capacity for growth
- Construction		TOTAL	2,750,000	within Dundas
	SUBSIDY CONTRIBUTIONS	M.O.E. CMHC	270,000 300,000	
		TOTAL	570,000	
2. MAP TO LOCATE PROJECT	NET COST		2,180,000	
	AMOUNT TO BE F REGIONALS. Su PROPERTY OWNER OTHER T.R.	rcharge	2,180,000	
		TOTAL	2,180,000	
	5. CASH FLOW			
	O.M.B. REQUI	RED	Received	
	EXPENDITURES	:		
	PRIOR TO BUD	GET	2,726,000	
3. DESCRIPTION	1980		24,000	
	1981			
To expand existing sewage treatment	1982			7. EFFECT ON CURRENT BUDGET
plant from 1.5	1983			DEBT CHARGES
	1984			ANNUAL COCUC
	1985 AND AT	TER		ANNUAL COSTS TOTAL
		TOTAL	2,750,000	AVANU

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH FUNCTION Sewage Works 1980/84 CAPITAL BUDGET PROJECT NO. 35704 DEPT./AGENCY Engineering PROJECT DETAIL 1. PROJECT CAPITAL COST ESTIMATE LAND Eastern Trunk Sanitary Sewer -CONSTRUCTION 1,000,000 King Street Plant to York, Road OTHER 1,000,000 (OIIAP-200/1978)TOTAL SUBSIDY M.O.E. 135,000 CONTRIBUTIONS 135,000 TOTAL 2. MAP TO LOCATE PROJECT **NET COST** 865,000 AMOUNT TO BE FINANCED: REGIONAL S. Surcharge 865,000 PROPERTY OWNERS OTHER 865,000 TOTAL CASH FLOW

NEED FOR PROJECT To provide service to future development and eliminate septic tank pollution problems

FILE NO. 805-03

CAPITAL BUDGET PAGE 24

3. DESCRIPTION

Trunk Sanitary Sewer and Pumping Station Replacement

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983 1984

1985

AND AFTER

TOTAL 1,000,000

Received

335,000

665,000

DEBT CHARGES

ANNUAL COSTS JATOT

EFFECT ON CURRENT BUDGET

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

PROJECT DETAIL

Sewage Works FUNCTION

34701 PROJECT NO.

FILE NO. 823-03

6. NEED FOR PROJECT

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 25

1,600,000

1,212,000

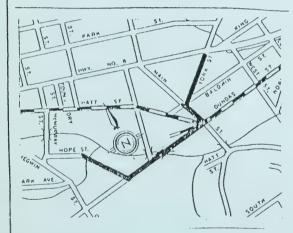
1,388,000 212,000

1. PROJECT

Western Sanitary Trunk Sewer

- Phase I and Phase II - Dundas (OIIAP-1,000/1978)

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Sanitary trunk sewer approximately 54" and to run along York St., Main St., Governors Road, and private land.

4. CAPITAL COST ESTIMATE

LAND

OTHER

CONSTRUCTION

OTHER 1,600,000 TOTAL 240,000 M.O.E. SUBSIDY CMILC 108,000 CONTRIBUTIONS S.L. 388,000 TOTAL 1,212,000 NET COST AMOUNT TO BE FINANCED: REGIONAL S. Surcharge 1,212,000 PROPERTY OWNERS

CASH FLOW

O.M.B. REQUIRED Received

TOTAL

EXPENDITURES: PRIOR TO BUDGET

1980 1981

1982

1983 1984

1985 AND AFTER

TOTAL 1,600,000

DEBT CHARGES

ANNUAL COSTS

JATOT

EFFECT ON CURRENT BUDGET

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION Sewage Works

PROJECT NO. 35238

DEPT./AGENCY Engineering

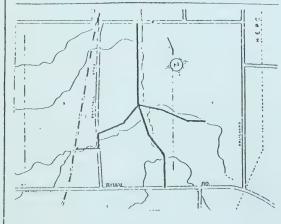
TILE NO. 813-02

CAPITAL BUDGET PAGE 25

1. PROJECT

Nountain Industrial Trunk Sanitary Sewer and Branch Sewers between Stone Church Road and Rymal Road.

MAP TO LOCATE PROJECT



DESCRIPTION

4.	CAPITAL	COST	ESTIMATE

LAND CONSTRUCTION

OTHER

890,000 890,000 TOTAL

125,000

125,000 250,000

640,000

640,000

640,000

Received

550,000 340,000

890,000

M.O.E. SUBSIDY CONTRIBUTIONS CMHC TOTAL

NET COST

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge

OTHER TOTAL

PROPERTY OWNERS

CASH FLOW

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980 1981

> 1982 1983

> > 1984 1985

AND AFTER

TOTAL

To provide service to lands along Rymal Road from approx. Trinity Church Road to Upper Sherman Ave.

6. NEED FOR PROJECT

EFFECT ON CURRENT BUDGET

DEDT CHARGES

ANNUAL COSTS JATOT

REGIONAL MUNICIPALITY OF MAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION

DEPT./AGENCY

Sewage Works

PROJECT NO. 35

50.000

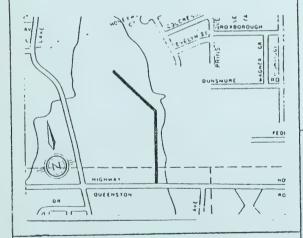
35903 Engineering FILE NO. 819-05

CAPITAL BUDGET PAGE 25

1. PROJECT

Stoney Creek Valley from Battlefield Creek to Queenston Road

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Trunk Sanitary Sewer Approx. size 48"

4. CAPITAL COST ESTIMATE

T.AND

CONSTRUCTION OTHER .	410,000
TOTAL	460,000
SUBSIDY M.O.E. CONTRIBUTIONS	100,000
TOTAL	100,000
NET COST	360,000
AMOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS OTHER	360,000
TOTAL	360,000

5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

1980

1982

1983

1984

1985 AND AFTER

TOTAL 460,600

340,000

120,000

6. NEED FOR PROJECT

To provide service to lands along Queenston Rd. and provide for future abandonment of a pumping station.

7. *EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL 8,000,000

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

FUNCTION

Sewage Works

PROJECT NO.

36207

TILE NO.

6. NEED FOR PROJECT

See Item 33238-A

CAPITAL BUDGET PAGE 25

PROJECT DETAIL 1. PROJECT LAND MacNab St. - Trunk Sewer - Design

4. CAPITAL COST ESTIMATE

CONSTRUCTION OTHER Design

50,000

50,000

DEPT./AGENCY Engineering

SUBSIDY CONTRIBUTIONS

TOTAL

TOTAL

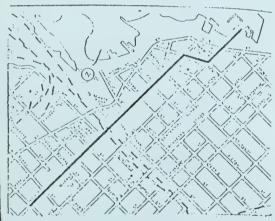
NIL

NET COST

50,000

2. MAP TO LOCATE PROJECT

and Environmental Assessment



AMOUNT TO BE FINANCED:

REGIONAL S. Surcharge PROPERTY OWNERS OTHER

> TOTAL 50,000

50,000

CASH FLOW

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL

50,000

50,000

EFFECT ON CURRENT BUDGET DEBT CHARGES

ANNUAL COSTS

TOTAL

3. DESCRIPTION

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION Sewage Works 36208 PROJECT NO.

DEPT./AGENCY Engineering

FILE NO. 813-17 CAPITAL BUDGET PAGE 25

1. PROJECT Mountain Industrial Trunk Sewer Western Connection, -Engineering (Sanitary) 2. HAP TO LOCATE PROJECT

4. CAPITAL COST ESTIMATE LAND

> SUBSIDY CONTRIBUTIONS

NET COST

REGIONAL

OTHER

PROPERTY OWNERS

CONSTRUCTION

OTHER Engineering

TOTAL

TOTAL

30,000

30,000

NIL

30,000

30,000

30,000

AMOUNT TO BE FINANCED:

TOTAL

Received

CASH FLOW

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

30,000

36" and 15" diameter sanitary

DESCRIPTION

sewers on easement.

1982 1983

1980

1981

1984 1985

AND AFTER

30,000 TOTAL

6. NEED FOR PROJECT

To provide an outlet for resi-

dential and industrial development on both sides of Rymal Road between the C.N.R. Line and Upper Sherman Avenue.

EFFECT ON CURRENT BUDGET 7. DEBT CHARGES

> ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJEC		FILE NO. 807-08
1. PROJECT	4. CAPITAL COST ESTIMA	TE	6. NEED FOR PROJECT
Gershome Trunk Sanitary Sewer	LAND CONSTRUCTION OTHER	165,000	
Construction	TOTAL SUBSIDY CONTRIBUTIONS	165,000	
	TOTAL	NIL	
2. MAP TO LOCATE PROJECT	NET COST	165,000	•
GLEN GOLD GOLD GOLD GOLD GOLD GOLD GOLD GOLD	AMOUNT TO BE FINANCED REGIONAL PROPERTY OWNERS OTHER	165,000	
	5. CASH FLOW		
25 C. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	O.M.B. REQUIRED EXPENDITURES:	Received	
	PRIOR TO BUDGET	165,000	
3. DESCRIPTION	1980		
	1981		7. ZFFECT ON CURRENT BUDGET
	1982		7. EFFECT ON CURRENT BUDGET
	1983		DEBT CHARGES
	1984		ANNUAL COSTS
	1985 AND AFTER TOT	AL 165,000	TOTAL
	101	VD 100,000	

FUNCTION Sewage Works

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJ	TION Sewage Wo	FILE NO. 819-20
1. PROJECT Main Street Sewage Treatment Plant - Waterdown (OHAP-1,000) 1978	4. CAPITAL COST ESTI LAND CONSTRUCTION OTHER TOTAL SUBSIDY M.O.E. CONTRIBUTIONS CMIC	1,500,000 1,500,000 225,000 225,000	6. NEED FOR PROJECT
2. MAP TO LOCATE PROJECT	TOTAL NET COST AMOUNT TO BE FINANCE REGIONAL PROPERTY OWNERS OTHER	1,050,000	
	5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET	Received	
3. DESCRIPTION	1980 1981 1982 1983 1984 1985 AND AFTER	265,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

TOTAL 1,500,000

REGIONAL MUNICIPALITY OF MAMILTON-WEN 1980/84 CAPITAL DUDGET PROJECT DETAIL	TWORTH FUNCTION Sewage W PROJECT NO. 37223 DEPT./AGENCY Engineer	FILE NO. 802-15
1. PROJECT Bold St. from James St. to Charles St.	LAND CONSTRUCTION OTHER TOTAL TOTAL	6. NEED FOR PROJECT The existing combined sewer has insufficient capacity and cannot be maintained
2. MAP TO LOCATE PROJECT	NET COST TOTAL NIL 70,000	
CINIBAL STILL STIL	AMOUNT TO BE FINANCED: REGIONAL S. Surcharge 70,000 PROPERTY OWNERS OTHER TOTAL 70,000	
808INSON 51. W S ST. JOSEPHS ST. JOSEPHS	5. CASH FLOW O.M.B. REQUIRED Received EXPENDITURES: PRIOR TO BUDGET	
2. DESCRIPTION Local sanitary sewer, 10" dia. approx. length 780 feet, private drains and road repairs.	1980 70,000 1981 1982 1983 1984	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS
	1985 AND AFTER TOTAL 70,000	JATOT

. 1.0

TILE NO.

6. NEED FOR PROJECT

CAPITAL BUDGET PAGE 26

RUGIONAL MUNICIPALITY OF HAMILTON 1980/84 CAPITAL BUDGET PROJECT DETAIL	N-WENTWORTH	FUNCTIO PROJECT DEPT./A		,	er System
1. PROJECT	4. CAPITAL COS	T ESTIMAT	E	6	. NEED I
South/West Central Area - Reconstruction of Sewers on Duke St. between MacNab and Park Streets	LAND CONSTRUCTION OTHER		90,000		V 111770 E
	SUBSIDY M.T.C		90,000		
2. MAP TO LOCATE PROJECT	NET COST	TOTAL	NIL 90,000		
	AMOUNT TO BE I REGIONAL PROFERTY OWNEI OTHER		90,000		٠
		TOTAL	90,000		
	5. CASH FLOW				
	O.M.B. REQUI	RED			
	EXPENDITURES				
3. DESCRIPTION	PRIOR TO BUD	GET	90,000		
2000111011	1981		20,000		
250mm Dia. local Sanitary Sewer, private drains and road repairs	1982			7.	EFFECT
t tour roughts	1983				DEDT OU

1984

1985 AND AFTER

TOTAL

90,000

7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF MAMILTON-WI 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJECT	-	FILE NO.
1. PROJECT Mountain Industrial Sewer, Western Connection - Construction (Sanitary)	LAND CONSTRUCTION OTHER TOTAL SUBSIDY CMIC CONTRIBUTIONS	274,000	6. NEED FOR PROJECT
2. MAP TO LOCATE PROJECT	TOTAL _ NET COST = AMOUNT TO BE FINANCED: REGIONAL PROPERTY OWNERS OTHER _ TOTAL	30,000 244,000 244,000	
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET 1980 1981 1982 1983 1984 1985 AND AFTER TOTAL		7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

entitle land

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL DUDGET PROJECT DETAIL	PROJE	ION Sewage Wo CT NO. H1204, H23 /AGENCY Engineeri	303 & 112304 FILE NO.
1. PROJECT	4. CAPITAL COST ESTIM	ATE	6. NEED FOR PROJECT
Limeridge Road, Upper Wentworth Street, Upper Wellington Street Region's Portion (OHAP-220/1978)	LAND CONSTRUCTION OTHER TOTAL	617,000	
(220, 23, 6)	SUBSIDY CONTRIBUTIONS		
2. HAP TO LOCATE PROJECT	TOTAL NET COST	NIL 617,000	į
	AMOUNT TO BE FINANCE REGIONAL PROPERTY OWNERS OTHER	617,000	
	TOTAL	617,000	
	5. CASH FLOW	en en de en	
	O.M.B. REQUIRED	Received	
	EXPENDITURES: PRIOR TO BUDGET	220,000	
3. DESCRIPTION	1980 1981	397,000	
	1982		7. EFFECT ON CURRENT BUDGET
	1983 1984		DEBT CHARGES
	1905 AND AFTER TOT	AL 617,000	TOTAL

11101, 161

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84

PROJECT DETAIL

CAPITAL BUDGET

Sewage Works FUNCTION

DEPT./AGENCY Engineering

37211 PROJECT NO.

FILE NO.

urbanization.

6. NEED FOR PROJECT

To provide service to the

land West of Fruitland Road,

which has been approved for

CAPITAL BUDGET PAGE 27

PROJECT

Q.E.W. Sanitary Trunk sewer from DeWitt Road to Fruitland Road

MAP TO LOCATE PROJECT

CAPITAL COST ESTIMATE

LAND

SUBSIDY

NET COST

OTHER

CONSTRUCTION OTHER

CONTRIBUTIONS

1,500,000 $\frac{1}{500.000}$

1,000,000

TOTAL 250,000 250,000 M.O.E.

500,000 TOTAL

CMIIC

1,000,000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS

> 1,000,000 TOTAL

Q. E. W. QUEEN

DESCRIPTION

Sanitary trunk sewer, 60" diameter in tunnel. 5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

919,000 PRIOR TO BUDGET 581,000

1980 1981

1982

1983 1984

1985

AND AFTER

"EFFECT ON CURRENT BUDGET DEBT CHARGES

ANNUAL COSTS TOTAL

TOTAL 1,500,000

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH	FUNCTION PROJECT NO DEPT./AGE	Sewage Wor O. 37210 NCY Engineeri	FILE NO.
1. PROJECT	4. CAPITAL COST	r estinate		6. NEED FOR PROJECT
Ancaster Industrial Pumping Station and force main (H 13) Engineering and Land	LAND CONSTRUCTION OTHER SUBSIDY CONTRIBUTIONS	TOTAL	20,000	To service designated industrial lands between Town of Ancaster and Trinity Road, South of Highway #2
2. MAP TO LOCATE PROJECT	NET COST	TOTAL	NIL 200,000	
ANCASTER	AMOUNT TO BE I REGIONAL PROPERTY OWNEI OTHER	RS	200,000	
	5. CASH FLOW	TOTAL	200,000	
Annual Control of the	O.M.B. RĖQUI EXPENDITURES PRIOR TO BUI	3:	170,000	
3. DESCRIPTION	1980		30,000	
Sanitary sewage pumping station and force main approximate size 20" diameter , approximate length 18,000 feet.	1981 1982 1983 1984	*1		7. *EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS
	1985 AND AF		200,000	TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

PROJECT DETAIL

PROJECT NO.

FUNCTION

37226-B

Sewage Works

FILE NO. 819-12

DEPT./AGENCY Engineering

200,000

200,000

25,000

25,000

175,000

175,000

160,000

40,000

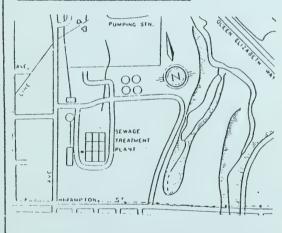
CAPITAL BUDGET PAGE 27

1. PROJECT

Woodward Ave. - Sewage Treatment Plant - Expansion, Phase II

Engineering

2. MAP TO LOCATE PROJECT



DESCRIPTION

Extension to chlorine contact chamber, new primary clariflers.

- new degritting complex

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION

OTHER Engineering

TOTAL

TOTAL

SUBSIDY . M.O.E. CONTRIBUTIONS

NET COST

AMOUNT TO BE FINANCED:

REGIONAL S. Surcharge PROPERTY OWNERS OTHER

TOTAL

175,000

CASH FLOW

O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984 1985

AND AFTER

200,000 TOTAL

6. NEED FOR PROJECT

To maintain capacity at the treatment plant.

7. "EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	TUNCTION PROJECT NO. DEPT./AGENCY	Sewage Wor 38230 Engineerin	FILE NO. 819-35
1. PROJECT	4. CAPITAL COST ESTIMATE		6. NEED FOR PROJECT
Ricwil Steam System Woodward Ave. Sewage Treatment Plant - Construction	OTHER TOTAL3 SUBSIDY	60,000	
2. MAP TO LOCATE PROJECT	CONTRIBUTIONS TOTAL NET COST 3	NIL 60,000	
	AMOUNT TO BE FINANCED: REGIONAL S. Surcharge 3 PROPERTY OWNERS OTHER	60,000	
	TOTAL 3	60,000	
	5. CASH FLOW		
	O.M.B. REQUIRED Rec EXPENDITURES: PRIOR TO BUDGET	eived	
3. DESCRIPTION	1980 3 1981	60,000	
	1982		7. TEFFECT ON CURRENT BUDGET
	1983		DEBT CHARGES
	1984 1985 AND AFTER TOTAL 3	60,000	ANNUAL COSTS TOTAL

11106 121

REGIONAL MUNICIPALITY OF HAMILTON-W	CNTWORTH	FUNCTION	Sewage Tro	eatment
1980/84 CAPITAL DUDGET		PROJECT	NO. 38242	FILE NO.
PROJECT DETAIL		DEPT./AG	ENCY Engineeri	ng CAPITAL BUDGET PAGE 27
1. PROJECT	4. CAPITAL COST	ESTIMATE		6. NEED FOR PROJECT
Hilton Street from Markland to Aberdeen Avenue	LAND CONSTRUCTION OTHER		40,000	
- Sewer Reconstruction		TOTAL _	40,000	
	SUBSIDY CONTRIBUTIONS	-		
O MAD TO COMPANY		TOTAL _	NIL	
2. MAP TO LOCATE PROJECT	NET COST	=	40,000	
	AMOUNT TO BE F REGIONAL PROPERTY OWNER OTHER		40,000	
		TOTAL	40,000	
	5. CASH FLOW			
	o.m.B. Rėqui	RED	Received	
	EXPENDITURES			
·	PRIOR TO BUD			
	1980	OD1	40,000	
3. DESCRIPTION	1981		40,000	
	1982			7. EFFECT ON CURRENT BUDGET
	1983			DEBT CHARGES
				DDD1 CHMOLO
	1984			ANNUAL COSTS
	1985 AND AFT	TOTAL	40,000	ТОТАЬ

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	ENTWORTH	FUNCTION PROJECT 1 DEPT./AGE	8	FILE NO. 818-07
1. PROJECT Red Hill Creek Trunk Sewer from 213 metres easterly to Upper Wentworth Street Sanitary Sewer - Construction	4. CAPITAL COST LAND CONSTRUCTION OTHER SUBSIDY CMHC CONTRIBUTIONS	T ESTIMATE TOTAL	225,000 225,000 40,000	6. NEED FOR PROJECT
2. MAP TO LOCATE PROJECT	NET COST AMOUNT TO BE I REGIONAL S. S PROPERTY OWNER OTHER	urcharge	40,000 185,000 185,000	
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRES EXPENDITURES PRIOR TO BUE 1980 1981 1982 1983 1984 1985 AND AF	G; DGET	225,000	7. *EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

TOTAL

609,000

1980/84 CAPITAL BUDGET	F	ROJECT NO.	33240A	FILE NO. 813-13
PROJECT DETAIL	E	EPT./AGENCY	Engineeri	ng CAPITAL BUDGET PAGE 28
1. PROJECT	4. CAPITAL COST E	STIMATE		6. NEED FOR PROJECT
Mountain Industrial Trunk Sanitary Sewer Rymal Road to 850 metres southerly	CONSTRUCTION OTHER	/ 2	0,000	To provide service to lands south of Rymal Road in the Red Hill Creek tributary,
- Construction	{	nic 5	0,000 0,000 0,000	east of C.N.R. Line
2. MAP TO LOCATE PROJECT	NET COST		0,000	
	AMOUNT TO BE FIN REGIONAL PROPERTY OWNERS OTHER		0,000	
	Т	OTAL 320	0,000	
	5. CASH FLOW O.M.B. REQUIRE) Recei	Lved	
	EXPENDITURES: PRIOR TO BUDGE	r		
3. DESCRIPTION	1980 1981		0,000 0,000	
Sub-trunk Sanitary Sewer In valley and connection on Rymal Road	1982			7. EFFECT ON CURRENT BUDGET
Approximate size - 760mm diameter	1983 1984			DEDT CHARGES
	1985 AND AFTE	Department of the Part of the	0,000	ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

Sewage Works

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	PROJECT	``	FILE NO. 819-06
1. PROJECT Woodward Avenue - Sewage Treatment Plant	LAND CONSTRUCTION OTHER	100,000	6. NEED FOR PROJECT
Expansion Energy Savings Analysis - Engineering	SUBSIDY CONTRIBUTIONS	100,000 NIL	
2. MAP TO LOCATE PROJECT	NET COST	100,000	
	AMOUNT TO BE FINANCED: REGIONAL . PROPERTY OWNERS OTHER	100,000	
	5. CASH FLOW	100,000	
	O.M.B. REQUIRED EXPENDITURES: PRIOR TO BUDGET	100,000	
3. DESCRIPTION	1980 1981 1982		7. °EFFECT ON CURRENT BUDGET
	1983 1984 1985 AND AFTER TOTA	AL 100,000	ANNUAL COSTS TOTAL

1980/84 CAPITAL BUDGET		PROJECT NO.	39221	* FILE NO.
PROJECT DETAIL		DEPT./AGENCY	Engineeri	ng CAPITAL BUDGET PAGE 28
1. PROJECT	4. CAPITAL COS	ST ESTIMATE		6. NEED FOR PROJECT
Lincoln Street from Barton Street to Linden Street	LAND CONSTRUCTION OTHER	Name and particular and a second and	40,000	
	SUBSIDY CONTRIBUTIONS	101111	40,000	
2. MAP TO LOCATE PROJECT	NET COST	TOTAL	NIL 40,000	
	AMOUNT TO BE REGIONAL PROPERTY OWNE OTHER	l	0,000	
		TOTAL	0,000	
	5. CASH FLOW O.M.B. REQU EXPENDITURE PRIOR TO BU	SS:	0,000	
3. DESCRIPTION	1980 1981 1982			7. EFFECT ON CURRENT BUDGET
	1983 1984 1985 AND A		0,000	ANNUAL COSTS TOTAL

Sewage Works

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

TOTAL

1985

AND AFTER

TOTAL

60,000

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL 4. CAP LAND CONSTR Charlton, Aurora, Forest Ave. and OTHER Wellington St. - Repairs SUBSID CONTRI 2. MAP TO LOCATE PROJECT NET CO AMOUNT REGION PROPER OTHER

5.

1985

AND AFTER

TOTAL

30,000

1. PROJECT

3. DESCRIPTION

CAPITAL COST ESTIMATE	
AND CONSTRUCTION OTHER	-30,000
TOTAL	30,000
UBSIDY CONTRIBUTIONS	
TOTAL	NIL
ET COST	30,000
MOUNT TO BE FINANCED: EGIONAL ROPERTY OWNERS THER	30,000
TOTAL	30,000
CASH FLOW	
O.M.B. REQUIRED	Received
EXPENDITURES:	
PRIOR TO BUDGET	
1980	30,000
1981	
1982	
1983	
1984	

FUNCTION

PROJECT NO.

DEPT./AGENCY

Sewage Works

Engineering

7.

39214

REGIONAL MUNICIPALITY OF MAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	CNTWORTH	FUNCTION PROJECT NO. DEPT./AGENCY	Sewage Worl 39216 * Engineerin	FILE NO.
1. PROJECT Young St. from James St. to Catherine	LAND CONSTRUCTION OTHER SUBSIDY CONTRIBUTIONS	TOTAL	20,000	6. NEED FOR PROJECT
2. MAP TO LOCATE PROJECT	NET COST AMOUNT TO BE REGIONAL PROPERTY OWNE OTHER	CRS	20,000 20,000	
3. DESCRIPTION	5. CASH FLOW O.M.B. REQU EXPENDITURE PRIOR TO BU 1980 1981 1982 1983 1984 1985 AND	CS: UDGET	20,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF NAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL			ewage Works 9222 ngineering	FILE NO.	PAGE 29
1. PROJECT Q.E.W. Trunk Sewer from Fruitland Road to Jones Road - Engineering	SUBSIDY CONTRIBUTIONS	ing	000	NEED FOR PROJECT	
2. MAP TO LOCATE PROJECT	NET COST AMOUNT TO BE FI REGIONAL : PROPERTY OWNERS OTHER	200,0	000		
	O.M.B. REQUIR EXPENDITURES: PRIOR TO BUDG	BET			
3. DESCRIPTION	1980 1981 1982 1983 1984 1985 AND AFT	100,0 100,0 TER TOTAL 200,0	7.	TEFFECT ON CURRENT DEBT CHARGES ANNUAL COSTS TOTAL	BUDGET

REGIONAL MUNICIPALITY OF	HAMILTOH-WENTWORTH
1980/84 CAPITAL	DUDGET
PROJECT DI	ETAIL

FUNCTION Sewage Works 37210A

PROJECT NO. DEPT./AGENCY Engineering FILE NO.

CAPITAL BUDGET PAGE 29

1. PROJECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
Ancaster Industrial Pumping Station & Fora Main S-N13	LAND CONSTRUCTION 2,000,000 OTHER	
- Construction	TOTAL _2,000,000	
	SUBSIDY M.O.E. 300,000	
	TOTAL 300,000	
2. MAP TO LOCATE PROJECT	NET COST 1,700,000	
	AMOUNT TO BE FINANCED:	
	REGIONAL 1,700,000 PROPERTY OWNERS	
	OTHER	•
	TOTAL 1,700,000	
	5. CASH FLOW	
	O.M.B. REQUIRED Received	
	Ottober 1. Decorate	
	EXPENDITURES:	
	PRIOR TO BUDGET 170,000	
3. DESCRIPTION	1980 . 1,130,000 1981 . 700,000	
	1981 700,000	7. EFFECT ON CURRENT BUDGET
	1983	DEBT CHARGES
	1984	ANNUAL COSTS
	1985 AND AFTER	TOTAL
	TOTAL 2,000,000	

FUNCTION Sewage Works PROJECT NO. 30219

DEPT./AGENCY Engineering

FILE NO. CAPITAL BUDGET PAGE 29

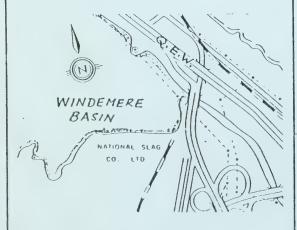
PROJECT DETAIL

1		P	R	0	J	E	C	T	

Windemere Basin Improvements.

Hamilton

2. MAP TO LOCATE PROJECT



DESCRIPTION

Clean up Windemere Basin.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		5	000	000
	TOTAL	5	000	000
SUBSIDY CONTRIBUTIONS		ц	700	000
	ТОТЛЬ	Ц	700	000

AMOUNT TO BE FINANCED:

REGIONAL S. Surcharge PROPERTY OWNERS

TOTAL

300 000

300 000

300 000

5. CASH FLOW

OTHER

NET COST

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980 500 000 1981 4 500 000

1982

1983

1984

1985 AND AFTER

TOTAL 5 000 000

NEED FOR PROJECT

Directed by Council in Item 53 of the 14th Report of the E.S.C., adopted by Council on 78 08 15.

7. * * EFFECT ON CURRENT BUDGET

DEBT CHARGES 36 500 N/A

ANNUAL COSTS TOTAL

Sewage Works FUNCTION PROJECT NO. 30910 Engineering DEPT./AGENCY

FILE NO.

1. PROJECT	4. CAPITAL COST ESTIMATE	_6
Winona Sewer	LAND CONSTRUCTION OTHER .	3 000 000
	TOTAL	3 000 000
Stoney Creek	SUBSIDY CONTRIBUTIONS	NIL
2. MAP TO LOCATE PROJECT	TOTAL	NIL
2. HAT TO LOCATE PROJECT	NET COST	3 000 000
	AMOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS OTHER	
·	TOTAL	3 000 000
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED 1980 EXPENDITURES: PRIOR TO BUDGET 19 80 19 81	500 000
Pumping Station and forcemain.	19 82	1 000 000
	19 83	1 000 000
	1	

19 84

19 85 AND AFTER

TOTAL 3 000 000

NEED FOR PROJECT

This is a financial provision to pay the Region's share of servicing Winona; now under review by Council.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

MINUAL COSTS

TOTAL

243 100

FUNCTION

Sewage Works

PROJECT NO.

30213

FILE NO. 813-18

PROJECT DETAIL

DEPT./AGENCY Engineering

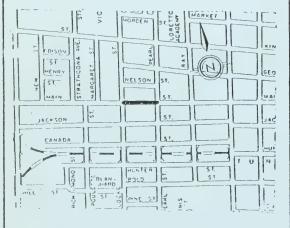
CAPITAL BUDGET PAGE 30

1. PROJECT

Main St. from Locke St. to Pearl St.

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Repairs to existing sewer - 460 mm dia. sewer.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

100 000

100 000 TOTAL

SUBSIDY CONTRIBUTIONS

NIL

TOTAL

NIL

NET COST

100 000

AMOUNT TO BE FINANCED:

REGIONAL S. Surcharge

PROPERTY OWNERS OTHER

TOTAL

100 000

100 000

5. CASH FLOW

1980 O.M.B. REQUIRED

EXPENDITURES:

TRIOR TO BUDGET

1980

100 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL 100 000

6. NEED FOR PROJECT

Existing 460 mm dia. sewer is in poor condition and has structurally failed.

7. FFFECT ON CURRENT BUDGET

DEBT CHARGES

12 200

ANHUAL COSTS

100

TOTAL

PROJECT DETAIL

FUNCTION

Sewage Works

PROJECT NO.

30214

FILE NO. 823-19 CAPITAL BUDGET PAGE 30

The existing sewer has failed

structurally and may collapse,

6. NEED FOR PROJECT

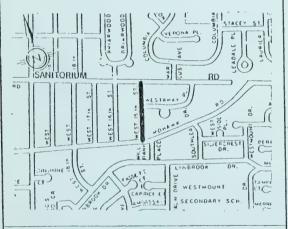
DEPT./AGENCY Engineering

1. PROJECT

West 15th St. from Sanatorium Road to Nohawk Rd. - Sewer Repair

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Repair to existing 380 mm dia. sanitary sewer.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

75 000 75 000

SUBSIDY CONTRIBUTIONS

NIL

TOTAL

TOTAL

NIL

NET COST

75 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS

OTHER

TOTAL

75 000

75 000

CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

75 000

75 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

N/A

TOTAL

9 100

Sewage Works FUNCTION PROJECT NO. 30233 DEPT./AGENCY Engineering

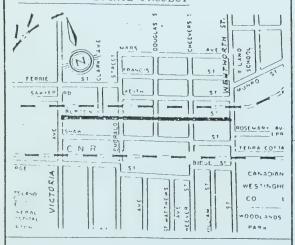
FILE NO. 802-31 CAPITAL BUDGET PAGE 30

PROJECT DETAIL

1. PROJECT

Burton Street from Victoria Ave. to Wentworth St.,-Sewer repairs.

MAP TO LOCATE PROJECT



DESCRIPTION

Combined sewer repairs

4.	CAPITA	L COST	EST	TMA.	ΓE

15 000
15 000
NIL
NIL
15 000
15 000
15 000

CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

FRIOR TO BUDGET

1980 1981 1982

1983 1984

1985 AND AFTER

TOTAL 15 000

15 000

NEED FOR PROJECT

The existing combined sewer must be repaired in conjunction with the installation of new storm sewer and road reconstruction in 1980.

7. "EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANHUAL COSTS

N/A

1 800

JATOT. 1 800

FUNCTION Sewage Works
PROJECT NO. 30207
DEPT./AGENCY Engineering

FILE NO. 803-26
CAPITAL BUDGET PAGE 30

1. PROJECT Caroline Street,from Bold Street to 52 metres Northerly,-Sewer reconstruction Hamilton 2. MAP TO LOCATE PROJECT

Replacement of existing 300 mm dia.

3. DESCRIPTION

sever.

LAND CONSTRUCTION 15 000 OTHER 15 000 TOTAL SUBSIDY NIL CONTRIBUTIONS NIL TOTAL 15 000 NET COST AMOUNT TO BE FINANCED: REGIONAL S. Surcharge 15 000 PROPERTY OWNERS OTHER TOTAL 15 000 CASH FLOW O.M.B. REQUIRED 1980 **EXPENDITURES:** PRIOR TO BUDGET 1980 15 000 1981 1982 1983 1984

1985

AND AFTER

TOTAL

15 000

4. CAPITAL COST ESTIMATE

6. HEED FOR PROJECT

The existing combined sewer is insufficient in capacity and cannot be maintained properly.

The replacement must be done in conjunction with the planned road reconstruction and storm sewer installation in 1980.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES 1 800
ANNUAL COSTS 100

TOTAL 1 300

FUNCTION Sewage Works
PROJECT NO. 30208
DEPT./AGENCY Engineering

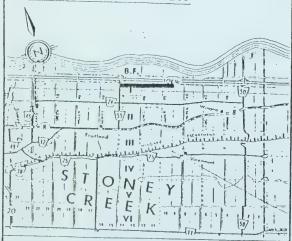
FILE NO. 817-06
CAPITAL BUDGET PAGE 30

1. PROJECT

Q.E.W. Sanitary Trunk Sewer from Fruitland Road to midway between Glover Rd. and McNeily Rd.,-Construction.

Stoney Creek

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Sanitary Trunk sewer, approx. size 1500 to 1650 mm dia., approx. length 2350 metres.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER	2 300 000
TOTAL	2 300 000
SUBSIDY M.O.E. CONTRIBUTIONS	350 000

TOTAL 350 000

NET COST 1 950 000

AMOUNT TO BE FINANCED:
REGIONAL S. Surcharge 1 950 000
PROPERTY OWNERS
OTHER

TOTAL 1 950 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXFENDITURES:

PRIOR TO BUDGET

 1980
 1 050 000

 1981
 1 250 000

1982

1983

1984

1985 AND AFTER

TOTAL

TAL 2 300 000

6. HEED FOR PROJECT

To continue the supply of industrial land in the Q.E.W. area.

7. *EFFECT ON CURRENT BUDGET

DEBT CHARGES 237 000
AMMUAL COSTS 1 600

TOTAL 238 600

PROJECT NO. DEPT./AGENCY Engineering

FUNCTION

Sewage Works

30209

FILE NO. 818-08

CAPITAL BUDGET PAGE 30

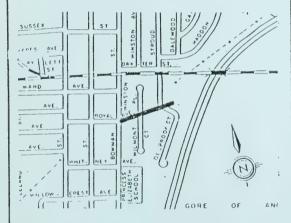
PROJECT DETAIL

1. PROJECT

Royal Ave. - sanitary trunk sever Stage 1

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Sanitary trunk sewer from near Stroud Foad to Bowman Ave.

Approx. size 910 mm dia.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		210	000
	TOTAL	210	000
SUBSIDY M.O.E. CONTRIBUTIONS		30	000
	TOTAL	30	000
NET COST		180	000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge

PROPERTY OWNERS OTHER

TOTAL

180 000

180 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980 20 000 1981 190 000

1982

1983

1984

1985 AND AFTER

TOTAL 210 000

6. NEED FOR PROJECT

To intercept sanitary sewage originating from the separated sewer area above escarpment and thus reducing overflow to Cootes Paradise.

7. *EFFECT ON CURRENT BUDGET

21 900 DEBT CHARGES

ANNUAL COSTS

600

22 500 TOTAL

FUNCTION Sewage Works

PROJECT NO. 30211

DEFT./AGENCY

Engineering

FILE NO. 801-10

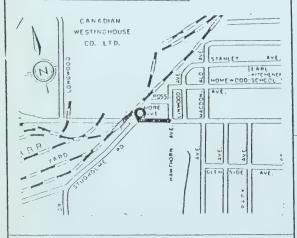
CAPITAL BUDGET PAGE 31

1. PROJECT

Aberdeen Ave. Sewage Pumping Station and Associated sewers

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Small pumping station, gravity sewer, and force main.

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION 150 000
OTHER

TOTAL 150 000
SUBSIDY M.O.E. 20 000

CONTRIBUTIONS 20 000

NET COST 130 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge

PROPERTY OWNERS
OTHER

TOTAL

130 000

130 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980 70 000 1981 80 000

1982

1983

1984

1985 AND AFTER

TOTAL 150 000

6. NEED FOR PROJECT

The sanitary sewage from a few houses can not be intercepted with the present system.

7. FFFECT ON CURRENT BUDGET

DEBT CHARGES

15 800

ANNUAL COSTS

5 000

TOTAL

FUNCTION Sewage Works
PROJECT NO. 30215

FILE NO.

DEPT./AGENCY

Engineering

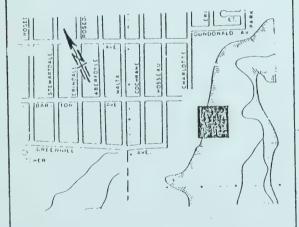
CAPITAL BUDGET PAGE 31

1. PROJECT

Greenhill Avenue -Storage-Treatment Basin, -Engineering & Land.

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

90 Million litres partially covered storage tank and settling tasin.

4. CAPITAL COST ESTIMATE

LAND 50 000

CONSTRUCTION
OTHER Eng. 170 000

TOTAL 220 000

SUBSIDY CONTRIBUTIONS

NET COST

TOTAL

NIL

.

220 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge

PROPERTY OWNERS OTHER

TOTAL

220 000

220 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

100 000

1981

120 000

1982

1983

1984

1985 AND AFTER

TOTAL 220 000

6. NEED FOR PROJECT

To reduce pollution in
Red Hill Creek and Burlington
Bay by controlling overflow
from a combined trunk sewer.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

26 700

ANNUAL COSTS

N/A

TOTAL 26 700

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH

1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION

Sewage Works

PROJECT NO.

38226-C

DEPT./AGENCY Engineering

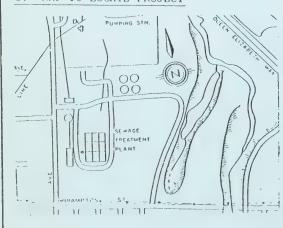
FILE NO. 819-12 CAPITAL BUDGET PAGE 31

1. PROJECT

Woodward Ave. - Sewage Treatment Flant Expansion, Phase II -Construction

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Extension to Chlorine contact chamber, primary clarifier, degritting complex. yard piping and associated works.

4. CAPITAL COST ESTIMATE

CONSTRUCTION OTHER	7 700 000
TOTAL	7 700 000
SUBSIDY M.O.E.	1 000 000
CONTRIBUTIONS	

TOTAL

1 000 000

NET COST

LAND

6 700 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge

PROPERTY OWNERS OTHER

TOTAL

6 700 000

2 700 000

3 000 000

6 700 000

CASH LFOM

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983 2 000 000

1984

1985 AND AFTER

> TOTAL 7 700 000

6. NEED FOR PROJECT

To increase plant capacity to meet anticipated treatment requirements.

Flow is expected to exceed plant capacity in 1984.

7. FFFECT ON CURRENT BUDGET

DEBT CHARGES

814 400

ANNUAL COSTS

TOTAL

FUNCTION

Sewage Works

PROJECT NO.

38226-D

DEPT./AGENCY Engineering

FILE NO. 819-13

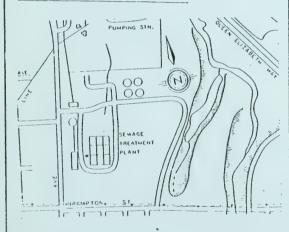
CAPITAL BUDGET PAGE 31

1. PROJECT

Woodward Ave. - Sewage Treatment Plant Phase III - Engineering

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Additional sewage pump, sludge filtration, floatation, incineration and associated works.

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION
OTHER Engineering
TOTAL

1 500 000 1 500 000

SUBSIDY CONTRIBUTIONS

NIL

NIL

NET COST

1 500 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge

PROPERTY OWNERS
OTHER

TOTAL

TOTAL

1 500 000

1 500 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

500 000

19 83

1 000 000

19

19 AND AFTER

TOTAL 1 500 000

6. NEED FOR PROJECT

To increase plant capacity to meet anticipated disposal requirements, - complete expansion to approx. 400 million litres per day capacity.

7. . EFFECT ON CURRENT BUDGET

DEBT CHARGES

182 300

ANNUAL COSTS

N/A

TOTAL

FUNCTION Sewage Works

PROJECT NO. 32218

FILE NO.

DEPT./AGENCY

Engineering CAPITAL BUDGET PAGE 31

1. PROJECT

East Street Area -

Dundas

4. CAPITAL COST ESTIMATE

FVMD CONSTRUCTION

230 000

TOTAL

230 000

SUBSIDY CONTRIBUTIONS

NIL

TOTAL

NIL

NET COST .

OTHER

OTHER

230 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS

230 000

TOTAL

230 000

230 000

2. MAP TO LOCATE PROJECT

TOWN OF DIINDAS	01
	oung

3. DESCRIPTION

Reconstruction of local sanitary sewer; approximate size 250 to 380 mm dia. approximate length - 450 metres

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

19 83

19 84

19 85 AND AFTER

TOTAL 230 000 6. NEED FOR PROJECT

To replace overloaded sanitary sewers.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

28 000

300

ANNUAL COSTS TOTAL

FUNCTION Sewage Works
PROJECT NO. 30215A
DEPT./AGENCY Engineering

FILE NO.

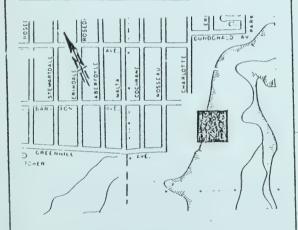
CAPITAL BUDGET PAGE 31

1. PROJECT

Greenhill Avenue, -Storage tank and settling basin, -Construction

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

90 Million litres partially covered storage tank and settling basin.

4. CAPITAL COST ESTIMATE

CONSTRUCTION OTHER	2 500 000
TOTAL	2,500,000
SUBSIDY M.O.E. CONTRIBUTIONS	320 000
LATOT	320 000
NET COST	2 180 000
AMOUNT TO BE FINANCE REGIONAL S. Surcharge PROPERTY OWNERS OTHER	
LATOT	2 180 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

19 80

1981

1982 1 000 000

1983 1 500 000

1984

1985 AND AFTER

TOTAL 2 500 000

6. NEED FOR PROJECT

To reduce pollution in Red Hill Creek and Burlington Bay by controlling overflow from a combined trunk sewer.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

265 000

ANNUAL COSTS

5 000

TOTAL 270 000

Hamilton

FUNCTION Sewage Works PROJECT NO. 32219 DEPT./AGENCY Engineering

FILE NO. CAPITAL BUDGET PAGE 32

1. PROJECT Fife Street - from Chestnut Ave. to

Sherman Ave. - reconstruction of sewers

4. CAPITAL COST ESTIMATE LAND

CONSTRUCTION

CONTRIBUTIONS

OTHER

SUBSIDY

NET COST

OTHER

105 000

105 000

NIL

NIL 105 000

ABOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS

TOTAL.

TOTAL

TOTAL

105 000

105 000

6. NEED FOR PROJECT

Required to replace overloaded combined sewers and to correct local deficiencies.

2. MAP TO LOCATE PROJECT

3. DESCRIPTION

Local sanitary sewer, 250 mm dia., private drains and pavement restoration.

Approx. length 135 metres.

5. CASH FLOW

O.N.B. REQUIRED 1982

EXPENDITURES: PRIOR TO BUDGET

1980

1981 1982

1983

1985

1984

AND AFTER

JATOT

105 000

105 000

7. EFFECT ON CURRENT BUDGET DEBT CHARGES

AHNUAL COSTS

12.800 100

12 900 TOTAL

PROJECT NO. 32220 DEPT./AGENCY Engineering FILE HO.

PROJECT DETAIL

CAPITAL BUDGET PAGE 32

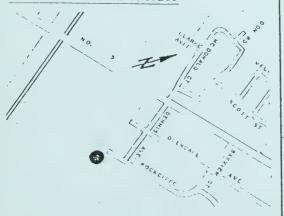
1. PROJECT

Pumping Station S-W5 Rockcliffe

- Engineering and land

Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Sanitary pumping station and forcemain

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER Engineering

.50, 000 80 000

NIL

80 000

NIL

30.000

FUNCTION Sewage Works

SUBSIDY CONTRIBUTIONS

NET COST

TOTAL

TOTAL

AMOUNT TO BE FINANCED:

REGIONAL S. Surcharge PROPERTY OWNERS OTHER

TOTAL

80 000

30 000

50 000

80 000

CASIL FLOW

O.H.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 80 000 6. NEED FOR PROJECT

To service existing Rockcliffe area - to eliminate pollution

7: EFFECT ON CURRENT BUDGET

9 700 DEBT CHARGES

ANNUAL COSTS

9 700 TOTAL

N/A

FUNCTION Sewage Works PROJECT NO. 32221 DEPT./AGENCY Engineering

000 000

FILE NO. CAPITAL BUDGET PAGE 32

Stoney Creek 2. MAP TO LOCATE PROJECT

Eastern Sewage Treatment Plant

1. PROJECT

Land Acquisition

4.	CAPITAL	COST	ESTIMATE
	LAND		2
	CONSTRUCT	LON	

OTHER

SUBSIDY

NET COST

CONTRIBUTIONS

2 000 000 TOTAL

NIL

TOTAL

NIL

2 000 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge 2 000 000 PROPERTY OWNERS OTHER

2 000 000

2 000 000

5. CASH FLOW

O.M.B. REQUIRED 1982 EXPENDITURES:

JATOT

PRIOR TO BUDGET

1980

1981

1982

1983

1985

1984

AND AFTER

TOTAL 2 000 000

NEED FOR PROJECT

To provide for the construction of new Sewage Treatment. Plant for long range development

7. EFFECT ON CURRENT BUDGET

243 100 DEBT CHARGES N/A ANNUAL COSTS 243 100 TOTAL

Acquisition of approximately 20 hectares parcel for possible future plant.

3. DESCRIPTION

FUNCTION Sewage Works

PROJECT NO. 32222

DEPT./AGENCY

Engineering

FILE NO.

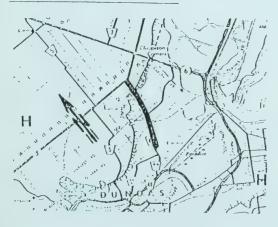
CAPITAL BUDGET PAGE

1. PROJECT

Clappison's Corners Trunk Sanitary Sewer,

Engineering and Land
Dundas, Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Trunk sanitary sewer to cross escarpment.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION

OTHER(Eng. & land)

nd) 300 000 TOTAL 300 000

SUBSIDY

CONTRIBUTIONS

·NIL

TOTAL

NIL

NET COST

300 000

AMOUNT TO BE FINANCED:

REGIONAL S. Surcharge PROPERTY OWNERS OTHER

300 000

TOTAL

300 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

19 80

1981

1982

150 000

1983

150 000

1984

1985 AND AFTER

TOTAL 300 000

6. NEED FOR PROJECT

To provide an outlet for future servicing of Clappison's Corners area.

7. 'EFFECT ON CURRENT BUDGET

DEBT CHARGES

36 500

ANNUAL COSTS
TOTAL

N/A 36 500

Sewage Works FUNCTION

38226-E PROJECT NO.

DEPT./AGENCY Engineering

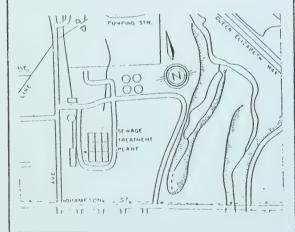
FILE NO. 819-13 CAPITAL BUDGET PAGE 32

1. PROJECT

Woodward Ave. - Sewage Treatment Plant Phase III - Construction

Hamilton.

2. MAP TO LOCATE PROJECT



DESCRIPTION

See Item 38226D- Engineering

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER	24 000 000
TOTAL	24 000 000
SUBSIDY M.O.E. CONTRIBUTIONS	4 000 000
JATOT	4 000 000
NET COST	20 000 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge

FROPERTY OWNERS OTHER

TOTAL

20 000 000

20 000 000

CASH FLOW

O.H.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

2 000 000

1985 AND AFTER

TOTAL 24 000 000

22 000 000

6. NEED FOR PROJECT

To increase plant capacity to meet anticipated disposal requirements.

7. FEFFECT ON CURRENT BUDGET

DEBT CHARGES

2 431 000

ANNUAL COSTS

2 431 000 TOTAL

FUNCTION Sewage Works

PROJECT NO. 33201

DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 32

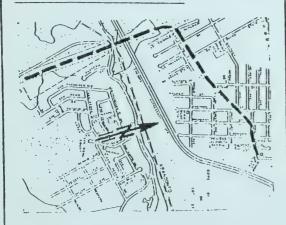
1. PROJECT

Iona Sanitary Trunk Sewer,-

Engineering

- Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Engineering for 900 mm dia. sanitary

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION

OTHER Engineering

TOTAL 100 000

SUBSIDY CONTRIBUTIONS

CIONS

NIL

100 000

TOTAL NET COST

100 000

AMOUNT TO BE FINANCED:

REGIONAL S. Surcharge PROPERTY OWNERS 100 000

OTHER

TOTAL

100 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

100 000

19 84

1985 AND AFTER

TOTAL 100 000

6. NEED FOR PROJECT

To provide capacity for growth above the Escarpment West of Scenic Drive.

7. *EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS N/A

TOTAL

12 200

FUNCTION Sewage Works

PROJECT NO.

33202

DEPT./AGENCY Engineering

FILE NO.

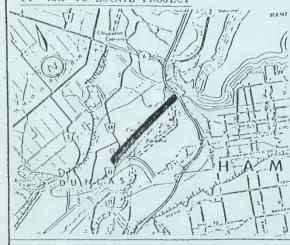
CAPITAL BUDGET PAGE 33

1. PROJECT

King Street S.T.P. Outfall sewer,-Engineering.

Dundas

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Approx. 1,050 mm dia. outfall sewer from Plant to Burlington Bay.

4. CAPITAL COST ESTIMATE

CONSTRUCTION
OTHER (Engineering)

TOTAL

SUBSIDY
CONTRIBUTIONS

TOTAL

NIL

NET COST

200 000

200 000

200 000

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS OTHER

TOTAL

200 000

100 000

100 000

200 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURÉS:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 200 000

6. NEED FOR PROJECT

To eliminate the discharge of effluent from the King St. S.T.P. to Cootes Paradise, as pollution loading exceeds the permitted limit for such discharge to Cootes Paradise.

7. * EFFECT ON CURRENT BUDGET

DEBT CHARGES

24 300

ANNUAL COSTS

STS N/A

TOTAL 24 300

FUNCTION Sewage Works
PROJECT NO. 32222 A

FILE NO.

DEPT./AGENCY Engineering

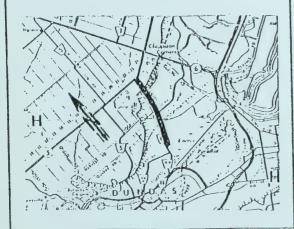
CAPITAL BUDGET PAGE 33

1. PROJECT

Clappison's Corners Trunk Sanitary Sewer,-Construction.

Dundas, Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Trunk sanitary sewer.

4. CAPITAL COST ESTIMATE

AMOUNT TO BE FINANCED:

REGIONAL S. Surcharge PROPERTY OWNERS

OTHER

TOTAL

2 650 000

2 650 000

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

2 000 000

TOTAL 3 000 000

6. NEED FOR PROJECT

To provide an outlet

for future servicing
of Clappison's Corners
area.

7. " "EFFECT ON CURRENT BUDGET

DEBT CHARGES 322 100

ANNUAL COSTS

2 300

TOTAL 324 400

FUNCTION Sewage Works PROJECT NO. 32220 A DEPT./AGENCY Engineering

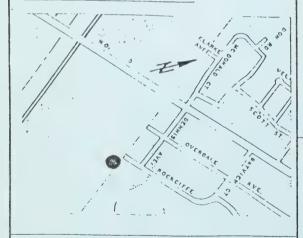
FILE NO. CAPITAL BUDGET PAGE 33

1. PROJECT

Pumping Station S-W5 Rockcliffe .-Construction.

Flamborough

MAP TO LOCATE PROJECT



3. DESCRIPTION

Sanitary sewage pumping Station and forcemain.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 500 000 OTHER 500 000 TOTAL.

SUBSIDY M.O.E. 75 000 CONTRIBUTIONS

> TOTAL. 75 000 425 000

NET COST

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS OTHER

TOTAL

425 000

425 000

CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

300 000 200 000

TOTAL 500 000

NEED FOR PROJECT

To service existing Rockcliffe area and eliminate pollution.

7. " EFFECT ON CURRENT BUDGET

DEBT CHARGES

51 700

AHNUAL COSTS

6 000

TOTAL 57 700

FUNCTION Sewage Works PROJECT NO. 33202A DEPT./AGENCY Engineering

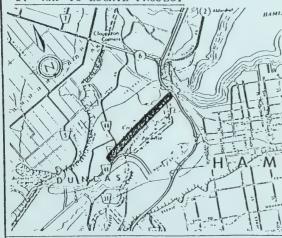
FILE NO. CAPITAL BUDGET PAGE 33

1. PROJECT

King Street S.T.P. Outfall sewer,-Construction.

Dundas

MAP TO LOCATE PROJECT



3. DESCRIPTION

Approx. 1,050 mm dia. outfall sewer from Plant to Burlington Bay

4. CAPITAL COST ESTIMATE

LAND 3 000 000 CONSTRUCTION OTHER | 3 000 000 TOTAL 450 000 SUBSIDY M.O.E. CONTRIBUTIONS 450 000 TOTAL

2 550 000 NET COST

AMOUNT TO BE FINANCED: REGIONAL S. Surcharge PROPERTY OWNERS OTHER

> TOTAL 2 550 000

2 550 000

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

100 000

1985 AND AFTER TOTAL

2 900 000 3 000 000

6. NEED FOR PROJECT

To eliminate the discharge of effluent from the King St. S.T.P. to Cootes Paradise, as pollution loading exceeds the permitted limit for such discharge to Cootes Paradise.

7. " EFFECT ON CURRENT BUDGET

DEBT CHARGES 310 000

ANNUAL COSTS

313 000 TOTAL

		, ,	PAGE 163
REGIONAL MUNICIPALITY OF HAMILTON-N 1980/84 CAPITAL BUDGET PROJECT DETAIL	WENTWORTH	FUNCTION Sewage PROJECT NO. 11000D DEPT./AGENCY Engineer	FILE NO.
1. PROJECT Rated Sewers & Minor Improvements - 1978 2. MAP TO LOCATE PROJECT	4. CAPITAL COST LAND CONSTRUCTION OTHER SUBSIDY M.T. CONTRIBUTIONS NET COST	572,000 TOTAL 572,000	6. NEED FOR PROJECT To finance Local Improvement Act sewers and minor works generally associated with road construction
	AMOUNT TO BE REGIONAL ST.: PROPERTY OWNE OTHER T.R.	S.R. 572,000	
3. DESCRIPTION	5. CASH FLOW O.M.B. REQU EXPENDITURE PRIOR TO BUILDED	S:	
Various local sewers	1981 1982 1983 1984 1985 AND AI	TER 70TAL 572,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH	FUNCTION PROJECT NO. DEPT./AGENO	Sewage Wo 11000E CY Engineering	FILE NO.
1. PROJECT Rated sewers & Minor Improvements - 1979 2. MAP TO LOCATE PROJECT	LAND CONSTRUCTION OTHER SUBSIDY M.T. CONTRIBUTIONS NET COST AMOUNT TO BE REGIONAL ST. PROPERTY OWNE OTHER T.R.	TOTAL TOTAL FINANCED: S.R. ERS '	1,100,000 1,100,000 NIL 1,100,000	6. NEED FOR PROJECT See Item 11000D
3. DESCRIPTION Various local sewers	5. CASH FLOW O.M.B. REQU EXPENDITURE PRIOR TO BU 1980 1981 1982 1983 1984 1985 AND AN	IRED 1983 S: DGET	1,100,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

FUNCTION Sewage Works
PROJECT NO. 11000 F

FILE NO.

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 34&36

1. PROJECT	4. CAPITAL COST ESTIMATE		6. NEED FOR PROJECT
Rated Sewers and Minor Improvements, 1980	LAND CONSTRUCTION OTHER	2 500.000	To finance Local Improvement Act sewers and minor works
	TOTAL	2 500 000	generally associated with road construction.
	SUBSIDY CONTRIBUTIONS	NIL	
	TOTAL _	NIL	
2. MAP TO LOCATE PROJECT	NET COST	2 500 000	6
	AMOUNT TO BE FINANCED: REGIONAL S. Surcharge	1 400 000	
	PROPERTY OWNERS OTHER	1 100 000	
	TOTAL	2 500 000	7.00
	5. CASH FLOW		
	O.M.B. REQUIRED 1980		
	EXPENDITURES: •		
	PRIOR TO BUDGET		
3. DESCRIPTION	1980	1 000 000	
Various local sewers	1981 1982	1 500 000	7. EFFECT ON CURRENT BUDGET
	1983		DEBT CHARGES
	1984		ANNUAL COSTS
	19 ⁸⁵ AND AFTER TOTAL	2 500 000	TOTAL

FUNCTION Sewage Works
PROJECT NO. 11000 G

PROJECT NO. 11000 G FILE NO.

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 34&36

1. PROJECT 4. CAPITAL COST ESTIMATE 6. NEED FOR PROJECT Rated Sewers and LAND See Item 11000 F Minor Improvements. 2 600 000 CONSTRUCTION 1981 OTHER 2 600 000 TOTAL SUBSIDY NIL CONTRIBUTIONS NIL TOTAL 2. MAP TO LOCATE PROJECT NET COST 2 600 000 AMOUNT TO BE FINANCED: REGIONAL S. Surcharge 1 400 000 PROPERTY OWNERS 1 200 000 OTHER TOTAL 2 600 000 5. CASH FLOW O.M.B. REQUIRED 1981 EXPENDITURES: PRIOR TO BUDGET 19 80 3. DESCRIPTION 19 81 1 200 000 7. *EFFECT ON CURRENT BUDGET Various local sewers. 19 82 1 400 000 19 83 DEBT CHARGES 19 84 ANNUAL COSTS 19 85 AND AFTER TOTAL TOTAL 2 600 000

FUNCTION Sewage Works
PROJECT NO. 11000 H
DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 34&36

1. PROJECT	4. CAPITAL COST ESTIMATE		6. NEED FOR PROJECT
Rated Sewers and Minor Improvements, 1982	LAND CONSTRUCTION OTHER _	2 500 000	See Item 11000 F
	TOTAL _	2 500 000	0
	SUBSIDY CONTRIBUTIONS	NIL	
O NAD TO LOCATE PROJECT	TOTAL _	NIL	
2. MAP TO LOCATE PROJECT	NET COST	2 500 000	
	AMOUNT TO BE FINANCED: REGIONAL S. Surcharge	1 400 000	
	PROPERTY OWNERS OTHER	1 100 000	
		2 500 000	
	TOTAL	2 300 000	· · •,
	5. CASH FLOW		
	O.M.B. REQUIRED 1982	2	
	EXPENDITURES:		
	PRIOR TO BUDGET		
3. DESCRIPTION	1980		
	1981		7. EFFECT ON CURRENT BUDGET
Various Local Sewers.	1982	1 200 000	
	1983	1 300 000	DEBT CHARGES
	1984		ANNUAL COSTS
	1985 AND AFTER TOTAL	2 500 000	TOTAL

FUNCTION Sewage Works

PROJECT NO. 11000 I

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 34&36

FILE NO.

1. PROJECT 4. CAPITAL COST ESTIMATE 6. NEED FOR PROJECT Rated Sewers and LAND See Item 11000 F Minor Improvements. CONSTRUCTION 2 600 000 1983 OTHER TOTAL 2 600 000 SUBSIDY NIL CONTRIBUTIONS TOTAL NIL 2. MAP TO LOCATE PROJECT 2 600 000 NET COST AMOUNT TO BE FINANCED: REGIONAL S. Surcharge 1 400 000 PROPERTY OWNERS 1 200 000 OTHER 2 600 000 TOTAL 5. CASH FLOW O.M.B. REQUIRED 1983 **EXPENDITURES:** PRIOR TO BUDGET 1980 3. DESCRIPTION 1981 Various local sewers. EFFECT ON CURRENT BUDGET 1982 1983 1 200 000 DEBT CHARGES 1 400 000 1984 ANNUAL COSTS 1985 AND AFTER TOTAL TOTAL 2 600 000

FUNCTION Sewage Works

PROJECT NO. 11000 J

FILE NO.

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 34&37

1. PROJECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
Rated Sewers and Minor Improvements, 1984	LAND CONSTRUCTION 2 700 000 OTHER TOTAL 2 700 000	See Item 11000 F
2. MAP TO LOCATE PROJECT	TOTAL 2 700 000 SUBSIDY CONTRIBUTIONS NIL TOTAL NIL NET COST 2 700 000	
	AMOUNT TO BE FINANCED: REGIONAL 1 400 000 PROPERTY OWNERS 1 300 000 OTHER	
·	TOTAL 2 700 000	
	5. CASH FLOW O.M.B. REQUIRED 1984 EXPENDITURES: PRIOR TO BUDGET 1980	
3. DESCRIPTION Various local sewers.	1981 1982 1983	7. EFFECT ON CURRENT BUDGET DEBT CHARGES
	1984 1 300 000 1985 AND AFTER 1 400 900 TOTAL 2 700 000	ANNUAL COSTS





38

FUNCTION

Water Works

PROJECT HO.

28713

FILE NO. 807-12

DEPT./AGENCY Engineering

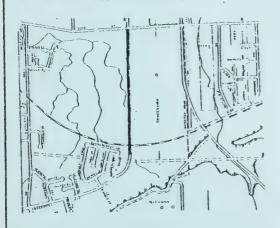
CAPITAL BUDGET PAGE

1. PROJECT

Improvements to District W-H4 Water Distribution System

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

16" watermain on future Greenhill Ave. from King St. to C.P.R. tracks.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

1 296 000

SUBSIDY CONTRIBUTIONS

TOTAL

LATOT

Nil

_ 1 296 000

NET COST

OTHER

1 296 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS

1 296 000

TOTAL

1 296 000

5. CASH FLOW

O.M.B. REQUIRED Received

1100021

EXPENDITURES:

PRIOR TO BUDGET 1 290 000

1980 6 000

1981

1982

4.00.0

1983

19 84

19 85 AND AFTER
TOTAL 1 296 000

6. NEED FOR PROJECT

Trunk watermain to service Gershome neighbourhood.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

25601

FILE NO. 823-01

DEFT. / AGENCY

Engineering

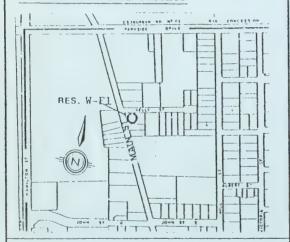
CAPITAL BUDGET PAGE 38

1. PROJECT

Waterdown Reservoir W-F1.

Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

1.69 M.I.G. reservoir

4.	CAP1	LTAL	COST	ESTI	MATE
-					

LAND CONSTRUCTION 1 211 000 OTHER TOTAL 1 211 000

188 000

SUBSIDY CMHC CONTRIBUTIONS M.O.E.

112 000

TOTAL

300 000

NET COST

911 000

911 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

911 000

5. CASH FLOW

Received O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

1 070 000 141 000

19 80

19 81

19 82

19 83

19 84

19 85 AND AFTER

TOTAL. 1 211 000

6. NEED FOR PROJECT

To increase storage for Waterdown to meet present day standards. Sufficient capacity for approximately 6000 people.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

172

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

PROJECT DETAIL

FUNCTION

Water Works

PROJECT NO. .

25757

FILE NO. 823-09

DEPT./ACENCY

Engineering

CAPITAL BUDGET PAGE 38

1. PROJECT

Trunk Watermain from the Pumping Station W-H5A to Upper Ottawa -Engineering

Hamilton

2. MAP TO LOCATE PROJECT PS W

3. DESCRIPTION

48 inch diameter trunk watermain -Engineering only.

4. CAPITAL COST ESTIMATE

CONSTRUCTION OTHER Engineering

200 000 200 000 TOTAL

SUBSIDY M.O.E. CONTRIBUTIONS

30 000

TOTAL

30 000

NET COST

LAND

170 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS 170 000

OTHER

JATOT

170 000

CASH FLOW

O.M.B. REQUIRED

Received

EXPENDITURES:

PRIOR TO BUDGET

200 000

19 80

19 81

1982

1983

1984

1985 AND AFTER

TOTAL 200 000

6. NEED FOR PROJECT

Trunk main required to connect P.S. W-H5A to existing distribution network above the escarpment.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION Water Works

PROJECT NO.

25705

DEPT./AGENCY Engineering

FILE NO. 816-05

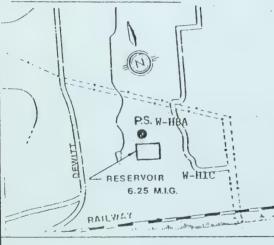
CAPITAL BUDGET PAGE 38

1. PROJECT

Pumping Station W-H8A at Reservoir W-H1C. (OHAP - 280) 1976

Stoney Creek

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

626 000

626 000

SUBSIDY M.O.E. CONTRIBUTIONS CMHC 85 000 85 000

TOTAL

TOTAL

170 000

NET COST

456 000

456 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

456 000

5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

560 000

1980

66 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL

626 000

6. NEED FOR PROJECT

For further housing development within Stoney Creek below the escarpment.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

26701

FILE NO. 816-01

PROJECT DETAIL

DEPT./AGENCY

Engineering

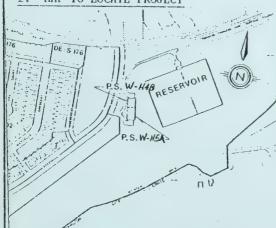
CAPITAL BUDGET PAGE 38

1. PROJECT

Pumping Station W-H5A - Construction.

Hamilton

MAP TO LOCATE PROJECT



3. DESCRIPTION

P. Station with pumps #1 & #2 with a firm capacity of 5.0 M.I.G.D.

4.	CAPITAL	COST	ESTIMAT	E

CONTRIBUTIONS CMHC

LAND CONSTRUCTION OTHER

2 500 000

2 500 000

TOTAL SUBSIDY M.O.E.

200 000 283 000

JATOT

483 000

NET COST

2 017 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

2 017 000

757 000

2 017 000

CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

1 743 000 19 80

19 81

19 82

19 83

19 84

1985 AND AFTER

TOTAL 2 500 000

6. NEED FOR PROJECT

To supply all new development within Hamilton and Stoney Creek above the escarpment.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

EUNCTION Water Works PROJECT NO. 26757

DEPT./AGENCY Engineering

1 540 000

823-09 FILE NO.

CAPITAL BUDGET PAGE 38

Phase I of trunk watermain

required to connect Pumping Station W-H5A to existing distribution system above the escarpment. Initially will supply development within

Saltfleet Community.

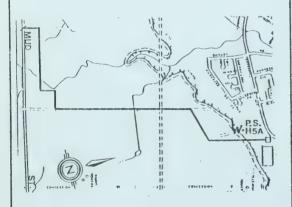
6. NEED FOR PROJECT

1. PROJECT

Trunk watermain from Pumping Station W-H5A to Mud St. - Construction

Stoney Creek

2. MAP TO LOCATE PROJECT



DESCRIPTION

48 inch trunk watermain

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER	2 200 000
TOTAL	2 200 000
SUBSIDY M.O.E. CONTRIBUTIONS CMHC	360 000 300 000 660 000
NET COST	1 540 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

> TOTAL 1 540 000

> > Received

5. CASH FLOW

EXPENDITURES: 1 370 000 PRIOR TO BUDGET 1980 780 000 1981 50 000 1982 1983

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

TOTAL

O.N.B. REQUIRED

1984

1985 AND AFTER

TOTAL 2 200 000

FUNCTION

Water Works

PROJECT NO.

26745

FILE NO. 823-04

PROJECT DETAIL

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 39

1. PROJECT

Woodward Ave. - Water Treatment Plant Expansion to 200 M.I.G.D. & Waste Water Treatment - Study

Hamilton

MAP TO LOCATE PROJECT

3. DESCRIPTION

Investigation on experiments on filter media and research on Waste Water Treatment.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

90 000

TOTAL

90 000

SUBSIDY CONTRIBUTIONS

NET COST

OTHER

TOTAL

Nil

90 000

AMOUNT TO BE FINANCED: REGIONAL W.R. PROPERTY OWNERS

TOTAL

90 000

80 000

10 000

90 000

CASH FLOW

Received O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET 1980

1981

1982

1983

1984

1985 AND AFTER

90 000

TOTAL.

6. NEED FOR PROJECT

To determine if present filter media will permit flow rates of 10 M.I.G.D. per filter and determine most economical methods to treat waste water.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

26746

FILE NO. 801-07

Engineering DEPT./AGENCY

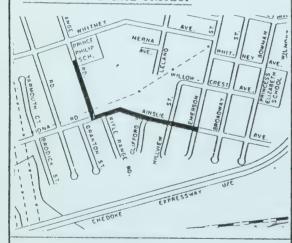
CAPITAL BUDGET PAGE 39

1. PROJECT

Ainslie and Iona from Emerson to Rifle Range and Rifle Range from Iona to 700' northerly.

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Trunk Watermain - 16 inch & 12 inch diameter.

4. CAPITAL COST ESTIMATE

LAND 165 000 CONSTRUCTION OTHER 165 000 TOTAL _ SUBSIDY M.O.E. 25 000 CONTRIBUTIONS

> 25 000 TOTAL

NET COST

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

JATOT

140 000

140 000

140 000

5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

165 000

19 80

19 81

19 82

19 83

19 84

19 85 AND AFTER

TOTAL

165,000

6. NEED FOR PROJECT

To increase supply in west end of Hamilton and in Dundas to meet expected growth.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

PROJECT DETAIL

FUNCTION Water Works

PROJECT NO. 26747

DEPT./AGENCY Engineering

FILE NO. 819-14
CAPITAL BUDGET PAGE 39

NEED FOR PROJECT

To supply water to west

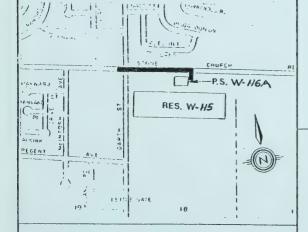
end of Hamilton above the escarpment and reinforce the distribution system at Pumping Station W-H6A.

1. PROJECT

Stone Church Road from Pumping Station W-H6A to Garth Street.

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

36" diameter - Trunk Watermain

ц.	CAPITAL	COST	ESTIMATE

LAND

OTHER	207 000
TOTAL	207 000
SUBSIDY M.O.E.	24 000
CONTRIBUTIONS CMHC	16_000
TOTAL	40 000
NET COST	167 000

AMOUNT TO BE FINANCED:
REGIONAL W.R.
PROPERTY OWNERS

TOTAL

167 000

207 000

167 000

5. CASH FLOW

OTHER

O.H.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET 207 000

19 80

19 81

19 82

19 83

1984

1985 AND AFTER

) AFTER TOTAL 7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

26810

FILE NO. 807-05

DEPT./AGENCY

Engineering

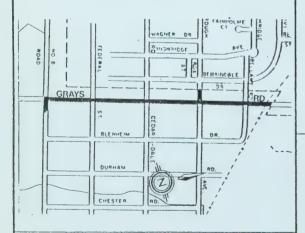
CAPITAL BUDGET PAGE 39

1. PROJECT

Gravs Rd., Roxborough Ave. and Hwv. #8

Stoney Creek

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

and 12" diameter watermains 16" on Roxborough Ave. from Grays Rd. to Town Limits and on Grays Rd. from Hwy. #8 to Barton St. and on Hwy. #8 from Grays Road to approx. 500' easterly.

4. CAPITAL COST ESTINATE

LAND CONSTRUCTION 270 000 OTHER TOTAL. 270 000 SUBSIDY CONTRIBUTIONS Nil TOTAL

270 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

LATOT

270 000

270 000

5. CASH FLOW

NET COST

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

240 000

1980

30 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL.

270 000

6. NEED FOR PROJECT

The main on Grays Road is required to avoid disturbance of new pavements proposed for 1977. The small sections on Roxborough Ave. and Hwy. #8 are required to utilize the new main toits full extent.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

PROJECT DETAIL

FUNCTION

Water Works

PROJECT NO.

27501

DEPT./AGENCY Engineering

FILE NO. 818-05

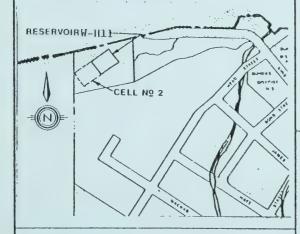
CAPITAL BUDGET PAGE 39

1. PROJECT

Reservoir W-Hll Expansion - Construction

Dundas

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Expansion of reservoir from 1.0 M.I.G. to 3.6 M.I.G.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

995 000 995 000

135 000

860 000

SUBSIDY M.O.E. CONTRIBUTIONS

TOTAL

TOTAL

135 000 860 000

NET COST

OTHER

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROFERTY OWNERS

TOTAL

860 000

CASH FLOW

O.M.B. REQUIRED

Received

EXPENDITURES:

PRIOR TO BUDGET

1980

19 81

1982

1983

1984

1985 AND AFTER

TOTAL

860,000

70 000

400 000

390 000

6. NEED FOR PROJECT

To provide adequate storage for District W-Hll which includes the Central Business District of Dundas.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

27702

FILE NO. 823-13

DEPT./AGENCY

Engineering

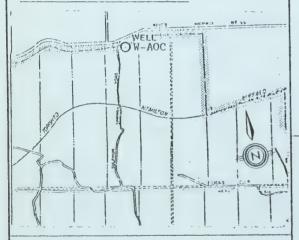
CAPITAL BUDGET PAGE 39

1. PROJECT

Well W-AOC - Sulphur Springs Rd.

Dundas

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

10 in.diameter well and pumping equipment with 1.0 M.I.G.D. capacity.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		255	000
	TOTAL	255	000
SUBSIDY CMHC CONTRIBUTIONS		35	000
	TOTAL	35	000
NET COST		220	000
AMOUNT TO BE F	INANCED:		

AMOUNT TO BE FINANCED:

REGIONAL W.R.
PROPERTY OWNERS
OTHER

O.M.B. REQUIRED

TOTAL

220 000

220 000

5. CASH FLOW

EXPENDITURES:		
PRIOR TO BUDGET	245	000
1980	10	000
1981		
1982		

1983

1984

1985 AND AFTER

TOTAL 255 000

Received

6. NEED FOR PROJECT

To complete the development of the Sulphur Springs Rd. site and supply adequate water to western Dundas and Ancaster.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES
ANNUAL COSTS
TOTAL

Ancaster

FUNCTION Water Works PROJECT NO. 27704 DEPT./AGENCY Engineering

25 000

Nil

205 000

205 000

200 000

205 000

5 000

FILE NO. 816-21

CAPITAL BUDGET PAGE 40

The existing well field

used to supply Ancaster

development in Ancaster.

and Dundas has insufficient capacity to permit new

NEED FOR PROJECT

PROJECT DETAIL

2. MAP TO LOCATE PROJECT

1.	PROJECT	•
	P.S. W-H18~ Ancast	
	- Engineering and	Land

UTURE **FSERVOII**

LAND CONSTRUCTION OTHER Engineering

180 000 205 000 TOTAL

SUBSIDY CONTRIBUTIONS

NET COST

AMOUNT TO BE FINANCED: REGIONAL W.R. OTHER

4. CAPITAL COST ESTIMATE

205 000

PROPERTY OWNERS

TOTAL

TOTAL

DESCRIPTION

Booster Pumping Station to supply Town of Ancaster from Hamilton District W-H6.

CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

1983

1984

1985 AND AFTER

TOTAL.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

27705

DEPT./AGENCY Engineering

6. NEED FOR PROJECT

supply to area below

To maintain adequate water

escarpment east of Grays Road.

FILE NO. 802-14

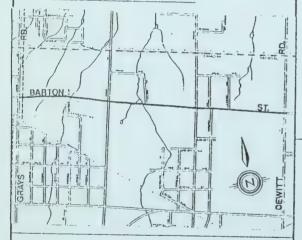
CAPITAL BUDGET PAGE 40

1. PROJECT

Barton St. from Grays Road to DeWitt - Design and construction of trunk watermain

Stoney Creek

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

11211 £ 36" diameter trunk watermain.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 1 300 000 'OTHER 1 300 000 TOTAL SUBSIDY M.O.E. 195 000 CONTRIBUTIONS 195 000 TOTAL NET COST 1 105 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

LATOT

1 105 000

1 105 000

5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

19 80

1 195 000

19.81

105 000

19 82

19.83

19 84

19 85 AND AFTER

TOTAL 1 300 000

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

PROJECT DETAIL

FUNCTION Water Works

PROJECT NO. 27706 DEPT./AGENCY ENGINEERING

Nil

180 000

180 000

111 000

180 000

69 000

FILE NO. 818-14

CAPITAL BUDGET PAGE 40

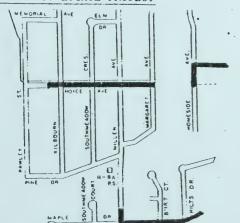
1. PROJECT

Royce Avenue and Maple Drive

- Watermains

Stoney Creek

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Royce Ave. from 160' west of Kilbourne Ave. to Margaret St.; Homeside Ave. from Royce Ave. to approx. 250' northerly; Easement from Homeside Ave. to approx. 463' westerly; Maple Dr. from Millen Ave. to 300' east of Hilts Dr.; Millen Ave. from Maple Dr. to approx. 215' northerly - 12" watermains

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 180 000 OTHER 180 000 TOTAL SUBSIDY

CONTRIBUTIONS TOTAL

NET COST

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL.

180 000

JATOT

5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET 1980

1981

1982

1983

1984

1985 AND AFTER

6. NEED FOR PROJECT

Reinforcement of District W-H8 distribution network required to maintain adequate pressure under ... peak operating conditions.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

Water Works FUNCTION

PROJECT NO.

27725

DEPT./ACENCY Engineering

FILE NO. 816-14

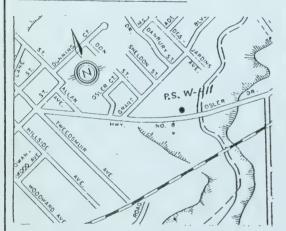
CAPITAL BUDGET PAGE 40

1. PROJECT

Pumping Station W-Hll - Chlorination Facilities.

Dundas

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Building and equipment for rechlorinating at Pumping Station W-Hll - Osler Drive.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 200 000 OTHER

> 200 000 TOTAL

SUBSIDY CONTRIBUTIONS

JATOT

Nil

NET COST

200 000

200 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

200 000

5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

166 000

1980

34 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL

200 000

6. NEED FOR PROJECT

To maintain chlorine levels in water supplied to Dundas Area.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

Water Works FUNCTION

PROJECT NO. 27817

DEPT./AGENCY Engineering

167 000

167 000

167 000

167 000

FILE NO. 818-13 CAPITAL BUDGET PAGE 40

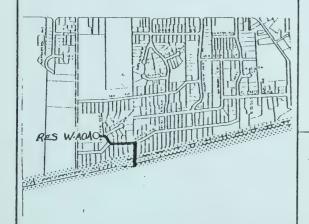
PROJECT DETAIL

1. PROJECT

Reservoir W-AOA and Feedermain. - Engineering and land.

Dundas

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

B.O M.I.G. reservoir and 16" & 24" connecting watermain from Glenwood Heights area to Morden Neighbourhood in Dundas.

4. CAPITAL COST ESTIMATE

LAND 67 000 CONSTRUCTION OTHER 100 000 TOTAL 167 000 SUBSIDY CONTRIBUTIONS Nil TOTAL

AMOUNT TO BE FINANCED: REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

5. CASH FLOW

NET COST

Received O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

19 80

1981

19 82

1983

1984

1985 AND AFTER

TOTAL

167 000

6. NEED FOR PROJECT

Reservoir Storage to satisfy requirements of Morden, Sobel and Turnbull Neighbourhoods as well as future supply for Glenwood Heights - Greensville distribution system.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION Water Works PROJECT NO. 27704A DEPT./AGENCY Engineering

1 200 000

FILE NO. 816-21 CAPITAL BUDGET PAGE 40

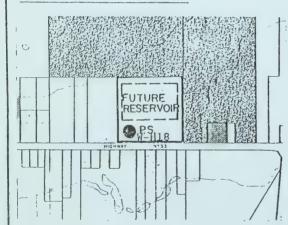
1. PROJECT

P.S. W-H18 Ancaster

- Construction

Ancaster

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Booster Pumping Station to supply Town of Ancaster from Hamilton District W-H6.

4. CAPITAL COST ESTIMATE

LAND

1 400 000 CONSTRUCTION OTHER 1 400 000 TOTAL SUBSIDY M.O.E. 200 000 CONTRIBUTIONS TOTAL 200 000 NET COST 200 000 AMOUNT TO BE FINANCED: REGIONAL W.R. 1 200 000

TOTAL

5. CASH FLOW

OTHER

O.M.B. REQUIRED Received

EXPENDITURES:

PROPERTY OWNERS

PRIOR TO BUDGET

1980 600 000 1981 800 000

1982

1983 1984

1985 AND AFTER

TOTAL 1 400 000

6. NEED FOR PROJECT

The existing well field used to supply Ancaster and Dundas has insufficient capacity to permit new development in Ancaster and Dundas.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

28757

FILE NO. 823-20

PROJECT DETAIL

DEPT./AGENCY

Engineering

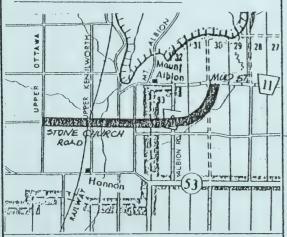
CAPITAL BUDGET PAGE 41

1. PROJECT

Trunk Watermain from Mud Street to Upper Ottawa St. - Construction

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

1200 mm diameter trunk main.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

2 200 000

2 200 000

TOTAL SUBSIDY M.O.E. CONTRIBUTIONS CMHC

330 000 250 000

TOTAL

_

NET COST

1 620 000

1 620 000

580 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS
OTHER

TOTAL

1 620 000

620 000

5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

19 80

1 580 000

19 81 19 82

19 83

19 0

19 84

19 85 AND AFTER

TOTAL 2 200 000

6. NEED FOR PROJECT

To provide water to all lands above the escarpment and west of Paramount Drive.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION Water Works
PROJECT NO. 27.703

FILE NO. 818-08
CAPITAL BUDGET PAGE 41

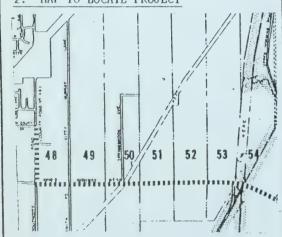
PROJECT DETAIL DEPT./AGENCY Engineering

1. PROJECT

Hwy. 53 trunk watermain from Upper Paradise Road to Southcote Road.

Ancaster

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

600 mm watermain - Hwy. 53 from Upper Paradise Rd. to Hamilton City Limits.
400 mm watermain - Hwy. 53 from Upper Paradise Rd. to Southcote Road.
400 mm watermain - Southcote Road from Hwy. 53 to Gray Court Drive.
300 mm watermain - Garth Street from Claudette Gate to Hwy. 53.

Ц.	CAPITAL	COST	ESTIMATE
----	---------	------	----------

LAND
CONSTRUCTION
OTHER

TOTAL

1 349 000

SUBSIDY M.O.E. 180 000

CONTRIBUTIONS

TOTAL 180 000

NET COST 169 000

AMOUNT TO BE FINANCED:

REGIONAL W.R.
PROPERTY OWNERS
OTHER

TOTAL 1 169 000

1 169 000

5. CASH FLOW

O.M.B. REQUIRED Received

EXPENDITURES:

PRIOR TO BUDGET

1980 1 349 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL 1 349 000

6. NEED FOR PROJECT

The existing well field used to supply Ancaster has insufficient capacity to permit new . development and consequently the supply must be augmented from the Hamilton system.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

28719

FILE NO. 816-12

Engineering DEPT./AGENCY

CAPITAL BUDGET PAGE 41

1. PROJECT Pumping Station W-H6A Install electric motor on Pump #2 Hamilton 2. MAP TO LOCATE PROJECT CHURCH P.S. W-H6A RES. W-H5 REGENT A PETTE GATE 3. DESCRIPTION To provide and install electric motor on a pump which is now diesel driven.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

SUBSIDY

NET COST

OTHER

55 000

TOTAL

55 000

CONTRIBUTIONS P

.55.000 55 000

TOTAL

Nil

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS

Nil

TOTAL

Ni1

CASH FLOW

O.M.B. REQUIRED Not required

EXPENDITURES:

PRIOR TO BUDGET

19 80

55 000

19 81

19 82

19 83

19 84

19 85 AND AFTER

TOTAL.

55 000

6. NEED FOR PROJECT

To increase capacity of electrically driven pumps to meet demand.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

PROJECT DETAIL

FUNCTION Water Works

PROJECT NO. 28754

DEPT./AGENCY Engineering

FILE NO. 818-35

CAPITAL BUDGET PAGE 41

1. PROJECT

Stone Church Road Watermain Upper James St. to Upper Wellington Street

- Engineering

Hamilton

2. MAP TO LOCATE PROJECT

-	THE TO DOCKID I KOODE!	
	CHIPMAN IN AVE.	
- JAMES	mose scen.	
	STONE CHURCH ROAD	
Japak	9384	
3		

3. DESCRIPTION

750 mm watermain on Stone Church Rd. from Upper James Street to Upper Wellington St.

4.	CAPITAL	COST	ESTIMATE

LAND
CONSTRUCTION
OTHER Engineering 20 000

TOTAL 20 000

SUBSIDY
CONTRIBUTIONS

TOTAL Nil 20 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

LATOT

20 000

20 000

20 000

20 000

5. CASH FLOW

NET COST

O.M.B. REQUIRED Not required

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL

6. NEED FOR PROJECT
Residential develo

Residential development in east mountain area will overload the existing watermains on Stone Church Road and Rymal Road by 1980.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION Water Works PROJECT NO. 27729A

690 000

690 000

Nil

690 000

580 000

110 000

690 000

200 000

490 000

690 000

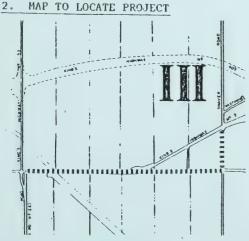
FILE NO. 801-15 DEPT./AGENCY Engineering CAPITAL BUDGET PAGE41&52

PROJECT DETAIL

1. PROJECT

Ancaster Industrial Park - Trunk Watermain - Construction

Ancaster



3. DESCRIPTION

€300 400 mm Watermain - Hwy. No. 2 from Trinity Road to Hwy. No. 53.

400 mm Watermain - Hwy. No. 53 from Hwy. No. 2 to Shaver Road.

300 mm Watermain - Shaver Road from Hwy. No. 53 to Hwy. No. 2

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION

TOTAL

SUBSIDY CONTRIBUTIONS

NET COST

OTHER

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

TOTAL

TOTAL

5. CASH FLOW

EXPENDITURES:

O.M.B. REQUIRED 1979

PRIOR TO BUDGET

1980 1981

1982 1983

1984

1985 AND AFTER

6. NEED FOR PROJECT

Trunk Feedermain to supply

Phase I of proposed Industrial Park in Duffs corner area.

7: EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION

Water Works

PROJECT NO.

29720

FILE NO. 823-12

DEPT./AGENCY Engineering

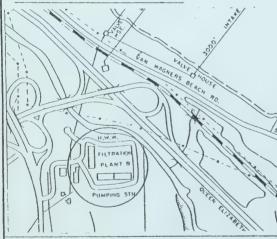
CAPITAL BUDGET PAGE 41

1. PROJECT

Woodward Ave. Treatment Plant -Waste Water Treatment - Engineering

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Installation of facilities to treat back wash water.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER Engineering	60 000
тот	Vr 60 000
SUBSIDY CONTRIBUTIONS	
ТОТ	'AL Nil
NET COST	60 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

JATOT

60 000

60 000

5. CASH FLOW

O.M.B. REQUIRED Not required

EXPENDITURES:

PRIOR TO BUDGET

1980 60 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL

L 60 000

6. NEED FOR PROJECT

Treatment of backwash water is recommended to improve the quality to the wastewater discharged to Burlington Bay to meet Ministry of the Environment objectives for waste water discharged to a receiving waterbody.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION Water Works PROJECT NO. 29763

DEPT./AGENCY Engineering

FILE NO. 808-13 CAPITAL BUDGET PAGE 42

PROJECT DETAIL

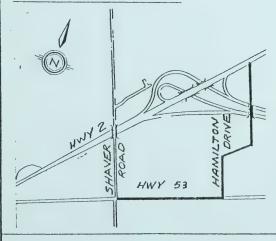
1. PROJECT

Hwy. 53 - Shaver's Road to Hamilton Drive and on Hamilton Drive from Hwy. 53 to Hwy. 2.

- Engineering

Ancaster

2. MAP TO LOCATE PROJECT



DESCRIPTION

400 mm watermains

4.	CAPITAL	COST	ESTIMATE

LAND CONSTRUCTION OTHER - Engineering 62 000 TOTAL 62 000 SUBSIDY CONTRIBUTIONS

> Nil LATOT 62 000

AMOUNT TO BE FINANCED: REGIONAL W.R. PROPERTY OWNERS OTHER

> TOTAL 62 000

62 000

62 000

5. CASH FLOW

NET COST

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

1983

19 84

1985 AND AFTER

TOTAL. 62 000

6. NEED FOR PROJECT

To supply water to abutting lands and industrial development at Duff's Corner.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS .

PROJECT DETAIL

FUNCTION

Water Works

PROJECT NO. 29765

DEPT./AGENCY Engineering

FILE NO. 819-37

CAPITAL BUDGET PAGE 42

Residential development

west of Upper Paradise

Road will overload the

existing 16" watermain

on Stone Church Road by

6. NEED FOR PROJECT

1981.

1. PROJECT

Stone Church Road Trunk Watermain from Garth Street to Upper Paradise Road.

- Engineering

Hamilton

MAP TO LOCATE PROJECT



3. DESCRIPTION

750 mm. watermain on Stone Church Rd. from Garth Street to Upper Paradise Road.

4. CAPITAL COST ESTIMATE

T.AND CONSTRUCTION OTHER Engineering 25 000 25 000 TOTAL SUBSIDY CONTRIBUTIONS Nil TOTAL 25 000 NET COST

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

JATOT

25 000

25 000

CASH FLOW

O.M.B. REQUIRED Not required

EXPENDITURES:

PRIOR TO BUDGET

1980

25 000

25 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL

DEBT CHARGES

ANNUAL COSTS

7. EFFECT ON CURRENT BUDGET

980/84 CAPITAL BUDGET
PROJECT DETAIL

FUNCTION

Water Works

Engineering

PROJECT NO.
DEPT./AGENCY

29766

CA

FILE NO.801-22

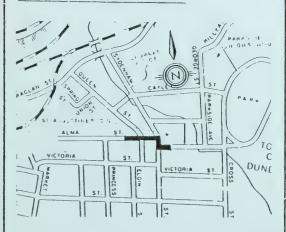
CAPITAL BUDGET PAGE 42

1. PROJECT

Alma Street at Sydenham Road
-Watermain Installation.

Dundas

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

150 mm watermain

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

32 000

SUBSIDY CONTRIBUTIONS

TOTAL

LATOT

N.i.J.

32 000

NET COST

32 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS
OTHER

32 000

32 000

5. CASH FLOW

O.M.B. REQUIRED Not required

TOTAL

EXPENDITURES:

PRIOR TO BUDGET

19 80

32 000

19 81

19 82

19 83

1984

1985 AND AFTER

TATOT

32 000

6. NEED FOR PROJECT

The proposed installation is required to correct deficiencies in the distribution network at the indicated location.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

197

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

PROJECT DETAIL

Water Works FUNCTION

PROJECT NO. 29767

DEPT./AGENCY Engineering

FILE NO. 816-09

CAPITAL BUDGET PAGE 42

Preliminary engineering

expansion is required to determine if the

addition of new surge

protection equipment

can be accommodated.

of proposed future

6. NEED FOR PROJECT

1. PROJECT

Pumping Station W-Hl Station Expansion and Surge Protection.

-Preliminary Engineering

MAP TO LOCATE PROJECT

Hamilton.

4. CAPITAL COST ESTIMATE

LAND

CONSTRUCTION

OTHER Engineering

TOTAL 50 000

SUBSIDY

CONTRIBUTIONS

TOTAL

Nil

NET COST

50 000

50 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS

50 000

TOTAL

50 000

DESCRIPTION

Preliminary engineering for building expansion for 4 pumps plus new surge protection equipment.

00 00

CASH FLOW

OTHER

O.M.B. REQUIRED Not required

EXPENDITURES:

PRIOR TO BUDGET

1980

50 000

- 19 81
- 19 82
- 19 83
- 19 84

19 85 AND AFTER

JATOT,

50 000

EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

JATOT.

FUNCTION

Water Works

PROJECT NO. 29768

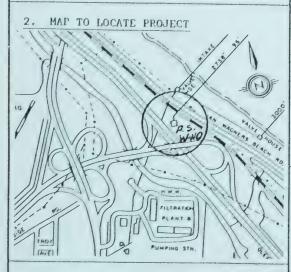
FILE NO. 816-37

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 42

1. PROJECT

Pumping Station W-HO -Roof Repairs

Hamilton



DESCRIPTION

Repair and replacement of roofing on this existing pumping station.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

65 000 65 000

SUBSIDY CONTRIBUTIONS

. TOTAL

TOTAL

Nil

NET COST

OTHER

65 000

AMOUNT TO BE FINANCED: REGIONAL W.R. PROPERTY OWNERS

LATOT

65 000

65 000

CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

1980

65 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL . 65 000

6. NEED FOR PROJECT

The original roofing on the pumping station has deteriorated and and requires extensive repair to prevent damage to pumping equipment due to leakage.

EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION Water Works

PROJECT NO. 27727A

FILE NO. 813-27 CAPITAL BUDGET PAGE 42

DEPT./AGENCY Engineering

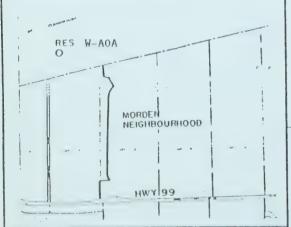
PROJECT

Morden Neighbourhood Watermain.

- Construction.

Dundas

MAP TO LOCATE PROJECT



3. DESCRIPTION

100 mm & 600 mm watermains to connect supply at Hwy. 99 to Res. W-AOA.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 320 000 OTHER 320 000 TOTAL SUBSIDY CONTRIBUTIONS

> TOTAL Nil

320 000 NET COST

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

320 000

320 000

CASH FLOW

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

1980

120 000

1981

200 000

1982

1983

1984

1985 AND AFTER

JATOT

320 000

6. NEED FOR PROJECT

Local distribution watermain through Morden Neighbourhood to connect supply and reservoir. Cost to be recovered from the developer.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION Water Works PROJECT NO. 27817A DEPT./AGENCY Engineering

FILE NO. 818-13 CAPITAL BUDGET PAGE 43

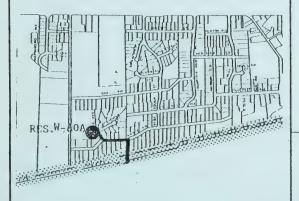
1. PROJECT

- Construction.

Reservoir W-AOA and feedermain.

Dundas

2. MAP TO LOCATE PROJECT



DESCRIPTION

13,640 m³ reservoir and 400 mm & 600 mm connecting watermain from Glenwood Heights area to Morden Neighbourhood in Dundas.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER	1 500 000
TOTAL	1 500 000
SUBSIDY M.O.E. CONTRIBUTIONS	300 000
TOTAL	300 000
NET COST	1 200 000
AMOUNT TO BE FINANCED: REGIONAL W.R. PROPERTY OWNERS OTHER	1 200 000

TOTAL

5. CASH FLOW

1000

O.M.B. REQUIRED 1979

EXPENDITURES:

PRIOR TO BUDGET

19	80	500	000	
19	81	700	000	
19	82			
19	83			
19	84			

1985 AND AFTER

TOTAL 200 000

1 200 000

6. NEED FOR PROJECT

Reservoir Storage to satisfy requirements of Morden, Sobel and Turnbull Neighbourhoods as well as future supply for Glenwood Heights - Greensville distribution system,

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

FUNCTION Water Works 20753 PROJECT NO.

FILE NO. 816-05 CAPITAL BUDGET PAGE 43

6. NEED FOR PROJECT

Standby power is required to

ensure continuous pumpage into

District H8 during power failure.

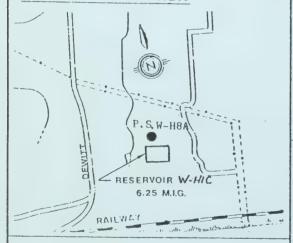
DEPT./AGENCY Engineering

1. PROJECT

Pumping Station W-H8A - generator set.

Stoney Creek

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Generator set to supply standby power to drive 2 pumps rated at 130 L/sec. and 40 m T.D.H.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 80 000 OTHER TOTAL 80 000

SUBSIDY CONTRIBUTIONS

TOTAL

NET COST

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

80 000

80 000

NIL

80 000

CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

10 000

1981

70 000

1982

1983

1984

1985 AND AFTER

JATOT 80 000 7. EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

9 724 4 000

FUNCTION Water Works
PROJECT NO. 20762

DEPT./AGENCY

20762 Engineering

FILE NO.

CAPITAL BUDGET PAGE 43

PROJECT DETAIL

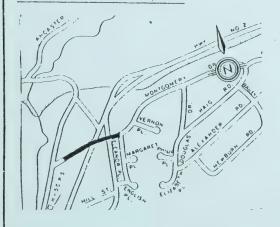
1. PROJECT

Montgomery Drive - Old Dundas Road to Eleanor Road

- Watermain Construction

Ancaster

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

200 mm watermain

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

36 000 36 000

SUBSIDY CONTRIBUTIONS

TOTAL

Nil

NET COST

36 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS

36 000

TOTAL

TOTAL

36 000

5. CASH FLOW

OTHER

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

19 80

36 000

19 81

1982

1983

19 84

1985 AND AFTER

AFTER

TOTAL 36 000

6. NEED FOR PROJECT

Existing development in Ancaster Heights is serviced via a single 150 mm watermain. This watermain will increase the reliability of supply to this district and reduce the possibility of disruption of service due to watermain rupture.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

4 376

ANNUAL COSTS

TOTAL

4 376

FUNCTION Water Works

PROJECT NO. 20750

DEPT./AGENCY Engineering

FILE NO. 823-33

CAPITAL BUDGET PAGE

43

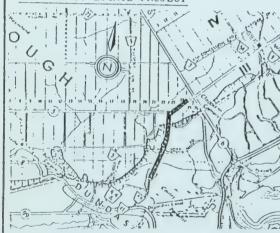
1. PROJECT

Waterdown Trunk Watermain

-Engineering and land.

Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

600 mm on York Road and Valley
Road from Hopkins Court to
Algonquin Avenue.
400 mm on Algonquin Avenue and
Hwy. 5 from south end of Algonquin
Avenue to approximately 460 m west
of Hwy. 6

4. CAPITAL COST ESTIMATE

 LAND
 20 000

 CONSTRUCTION
 90 000

 OTHER - Engineering
 90 000

 TOTAL
 110 000

SUBSIDY CONTRIBUTIONS

NET COST 110 000

AMOUNT TO BE FINANCED:

REGIONAL W.R.
PROPERTY OWNERS
OTHER

TOTAL

110 000

110 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

19 80 60 000 19 81 50 000

19 82

19.83

19 84

19 85 AND AFTER

TOTAL 110 000

6. NEED FOR PROJECT

To supply water to Flamborough to allow new residential and industrial development as well as upgrading the supply to existing development to meet present day standards.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

13 371

ANNUAL COSTS

TOTAL 13 371

FUNCTION Water Works
PROJECT NO. 28754A
DEPT./AGENCY Engineering

FILE NO. 818-35 CAPITAL BUDGET PAGE 43

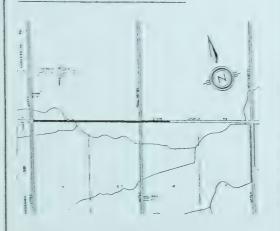
1. PROJECT

Stone Church Road Trunk Watermain Upper James St. to 213 m east of Upper Wellington Street.

- Construction

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

750 mm. watermain on Stone Church Road from Upper James St. to Upper Wellington St.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		430 000
	TOTAL	430 000
SUBSIDY CONTRIBUTIONS		100 000
	TOTAL	100 000
NET COST		330 000

AMOUNT TO BE FINANCED:
REGIONAL W.R. 330 000
PROPERTY OWNERS
OTHER

TOTAL 330 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

19 80 430 000

19 81

19 82

19 83

1984

1985 AND AFTER

TOTAL 435 000

6. NEED FOR PROJECT

Residential development in east mountain area will overload the existing watermains on Stone Church Road and Rymal Road by 1980.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES 40 112

ANNUAL COSTS

TOTAL 40 112

FUNCTION Water Works

PROJECT NO. 29755

DEPT./AGENCY Engineering

FILE NO. 816-24

CAPITAL BUDGET PAGE 43

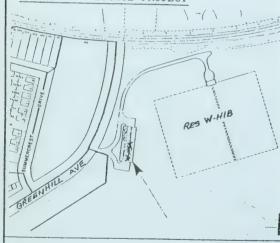
1. PROJECT

P.S. W-H5A: Installation of Pump #3

- Engineering

Hamilton

2. MAP TO LOCATE PROJECT



DESCRIPTION

Pump 875 L/Sec.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION

OTHER - Engineering TOTAL.

30 000 30 000

SUBSIDY

CONTRIBUTIONS

TOTAL

Nil 30 000

30 000

NET COST

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

30 000

30 000

CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

19 83

19 84

19 85 AND AFTER

TOTAL 30 000 NEED FOR PROJECT

The installation of this pump will coincide with the completion of the trunk watermain above the escarpment thereby providing sufficient firm pumping capacity for District W-H5. Presently, the maximum day demand for this District exceeds the firm pumping capacity.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

_3 647

ANNUAL COSTS

N/A

TOTAL.

3 647

FUNCTION

Water Works

PROJECT NO.

26716

FILE NO. CAPITAL BUDGET PAGE 44

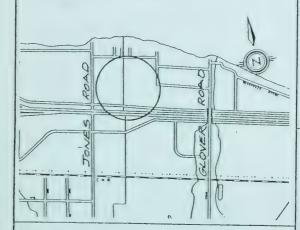
DEPT./AGENCY Engineering

1. PROJECT

Eastern Water Treatment Plant -Land Acquisition.

Stoney Creek

MAP TO LOCATE PROJECT



DESCRIPTION

Land for future water treatment plant.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

220 000

TOTAL

220 000

SUBSIDY CONTRIBUTIONS

TOTAL

Nil

NET COST

220 000

220 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

220 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

220 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL

220 000

G. NEED FOR PROJECT

To assure that the Pegion has vacant land to construct a water treat- . ment plant early in the 21st century.

EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL

26 741

FUNCTION

Water Works

PROJECT NO.

29720-A

DEPT./AGENCY Engineering

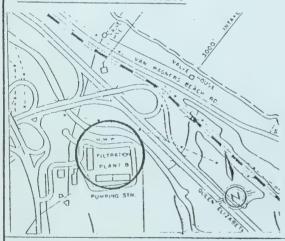
FILE NO. 823-12 CAPITAL BUDGET PAGE 44

1. PROJECT

Woodward Avenue Treatment Plant -Waste Water Treatment - Construction

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Installation of facilities to treat back wash water.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

2 500 000

TOTAL

2 500 000

SUBSIDY CONTRIBUTIONS

370 000

TOTAL

370 000

NET COST

2 130 000

AMOUNT TO BE FINANCED:

REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

2 130 000

2 130 000

5. CASH FLOW

O.H.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

500 000

1981

1 500 000

1982

500 000

1983

1984

1985 AND

35 AND AFTER

TOTAL 2 500 000

6. NEED FOR PROJECT

To reduce the discharge of solids from the backwash water now discharged to the Red Hill Creek

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

258 902

ANNUAL COSTS

75 000

TOTAL 333 902

208

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET PROJECT DETAIL

FUNCTION

Water Works

PROJECT NO. 29765A

CAPITAL BUDGET PAGE 44

FILE NO.819-37

DEPT./AGENCYEngineering

1. PROJECT

Stone Church Road Trunk Watermain from Garth Street to Upper Paradise Road.

- Construction

Hamilton

2. MAP TO LOCATE PROJECT



DESCRIPTION

750 mm watermain on Stone Church Road from Garth St. to Upper Paradise Road.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER		390	000
	LATOT	390	000
SUBSIDY CONTRIBUTIONS		60	000
	TOTAL	60	000
NET COST		330	000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

330 000

330 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

390 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL

390 000

NEED FOR PROJECT

Residential development west of Upper Paradise Road will overload the existing 400 mm main on Stone Church Road by 1981.

EFFECT ON CURRENT BUDGET

DEBT CHARGES

40 112

ANNUAL COSTS

TOTAL

PROJECT DETAIL

FUNCTION

Water Works

PROJECT NO.

20727

FILE NO. 816-15

DEPT./AGENCY Engineering

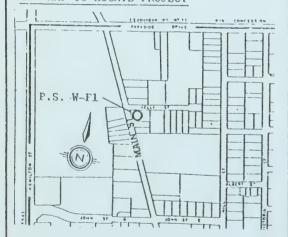
CAPITAL BUDGET PAGE 44

1. PROJECT

Pumping Station W-F1 - (Reconstruction) Engineering

Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Pumping Station with 2 pumps rated at 225 L/sec. and 1 pump at 40 L/sec. plus stand-by power.

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION
OTHER - Engineering 40 000
TOTAL 40 000

SUBSIDY

CONTRIBUTIONS

TOTAL

NiJ.

NET COST

40 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS

OTHER

LATOT

40 000

40 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES: .

PRIOR TO BUDGET

1980

20 000

1981

20 000

1982

1983

1984

LOOF AND APP

1985 AND AFTER

TOTAL 40 000

6. NEED FOR PROJECT

The existing station does not meet present day standards both in capacity and reliability.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

4 862

ANNUAL COSTS

N/A

TOTAL

FUNCTION

Water Works

PROJECT NO.

20732

FILE NO. 813-21

DEPT./AGENCY Engineering

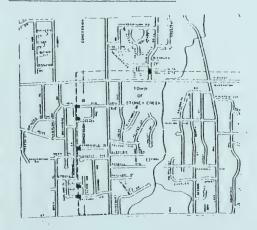
CAPITAL BUDGET PAGE 44

1. PROJECT

Interconnection across Stoney Creek - Hamilton Boundary

Stoney Creek

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Neil Ave. at City Limits Orlando Rd. at Alpine Ave. Calvert Ave. at Alpine Ave. Meadowvale Ave. at City Limits Lawrence Ave. at City Limits Riverdale Dr. at Hwy. #8

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

80 000

TOTAL

80 000

SUBSIDY CONTRIBUTIONS

TOTAL

Nil

NET COST

80 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

80 000.

TOTAL

80 000

5. CASH FLOW

1980 O.M.B. REQUIRED

EXPENDITURES:

PRIOR TO BUDGET

19 80

80 000

19 81

19 82

19 83

19 84

1985 AND AFTER

TOTAL 80 000

6. NEED FOR PROJECT

To eliminate dead end watermains and utilize the existing network to its full extent.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

8 J

9 724

ANNUAL COSTS

TOTAL.

PROJECT DETAIL

FUNCTION Water Works

PROJECT NO. 20753

DEPT./AGENCY Engineering

FILE NO.816-27

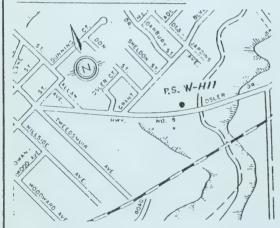
CAPITAL BUDGET PAGE 44

1. PROJECT

P.S. W-Hll - Installation of Pump #3 and replacement of Pump #2

Dundas

2. MAP TO LOCATE PROJECT



DESCRIPTION

2 pumps rated at 82.5 L/Sec. @ 20 m T:D.H.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

46 000

TOTAL

46 000

SUBSIDY CONTRIBUTIONS

TOTAL

Nil

NET COST

46 000

AMOUNT TO BE FINANCED: REGIONAL, W.R.

PROPERTY OWNERS OTHER

46 000

TOTAL

46 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

46 000

1981

1982

1983

1984

1985 AND AFTER

TOTAL 46 000

NEED FOR PROJECT

The maximum day consumption for the Town of Dundas exceeds the firm pumping . capacity of this station presently, there are two pumps rated at 825 L/Sec. and 52.5 L/Sec., respectively with space for a third pump. A study undertaken in 1975 recommended the replacement of the 52.5 L/Sec. pump with an 825 L/Sec. pump and installation of a third pump rated at 825 L/Sec.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

5 591 4 000

ANNUAL COSTS

9 591

TOTAL

FUNCTION

Water Works

PROJECT NO.

20751

DEPT./AGENCY Engineering

FILE NO. 816-26 CAPITAL BUDGET PAGE 45

PROJECT

P.S. W-H16

-Engineering and Land

Flamborough

MAP TO LOCATE PROJECT PS. W-A16

DESCRIPTION

Pumping station to be ultimately equipped with 4 pumps rated at 105 L/sec. and 140 m T.D.H.

Initial pump installation will consist of 2 pumps at 53 L/sec, and 150 m T.D.H.

4. CAPITAL COST ESTIMATE

LAND 10 000 CONSTRUCTION 60 000 OTHER TOTAL 70 000

SUBS1DY CONTRIBUTIONS

Nil TOTAL. NET COST 70 000

AMOUNT TO BE FINANCED: REGIONAL W.R. 70 000 PROPERTY OWNERS OTHER

TOTAL

70 000

CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980 50 000 20 000 1981

1982

1983

1984

1985 AND AFTER

TOTAL.

70 000

6. NEED FOR PROJECT

To supply water to Flamborough to allow new residential and industrial development as well as upgrading the supply to existing development to meet present day standards.

7. EFFECT ON CURRENT BUDGET

> DEBT CHARGES 8 509

ANNUAL COSTS

TOTAL

FUNCTION

Water Works

PROJECT NO.

20763 DEPT./AGENCY Engineering

FILE NO. 802~31

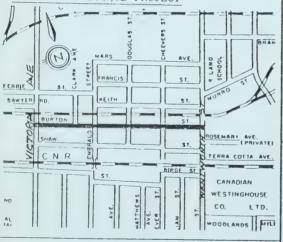
CAPITAL BUDGET PAGE 45

1. PROJECT

Burton Street from Victoria Avenue to Wentworth Street.

Hamilton

MAP TO LOCATE PROJECT



DESCRIPTION

300 mm watermain on Burton Street from Victoria Avenue to Wentworth Street.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER TOTAL.

135 000

135 000

SUBSIDY CONTRIBUTIONS

TOTAL.

Nil

NET COST

135 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

135 000

135 000

CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

19 80

135 000

19 81

19 82

19 83

19 84

19 85 AND AFTER

TOTAL 135 000

NEED FOR PROJECT

The proposed watermain will increase the delivery of water to the Wentworth Street Industrial area and thereby correct the fire protection deficiency that now exists. The installation will be undertaken in conjunction with proposed sewer and road reconstruction.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

16 409

ANNUAL COSTS

TOTAL.

FUNCTION.

Water Works

PROJECT NO.

20764

Nil

75 000

75 000

20 000

55 000

DEPT./AGENCY Engineering

FILE NO. 820-06

CAPITAL BUDGET PAGE 45

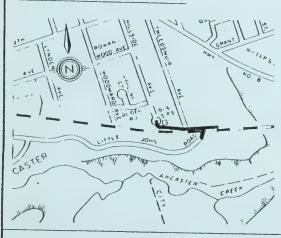
PROJECT

T. H. & B (Dundas) - Little John Rd. to Hillside Avenue

-Watermain Installation.

Dundas

MAP TO LOCATE PROJECT



DESCRIPTION 3.

300 mm watermain on T. H. & B. right-of-way from Little John Rd. to Hillside Ave. plus 150 mm and 200 mm cross connections to various existing dead-end watermains.

4. CAPITAL COST ESTIMATE

LAND 10 000 CONSTRUCTION 65 000 OTHER TOTAL 75 000

SUBSIDY CONTRIBUTIONS

NET COST

TOTAL

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

75 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL. 75 000 NEED FOR PROJECT

will provide additional capacity in the discharge. mains from Pumping Station W-Hll in conjunction with installation of additional pumping capacity. It will also eliminate long deadend mains on Little John Road and Tweedsmuir Avenue,

The proposed installation

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

9 116

ANNUAL COSTS

TOTAL

FUNCTION Water Works

PROJECT NO. 21750

FILE NO.

DEPT./AGENCY

TOTAL _

Engineering

CAPITAL BUDGET PAGE 45

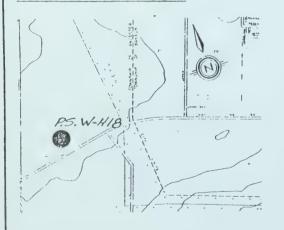
1. PROJECT

Pumping Station W-H18

- Standby Generator

Ancaster

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

750 kw diesel generator

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION
OTHER

200 000

SUBSIDY M.O.E.

30 000

CONTRIBUTIONS

30 000

NET COST

170 000

AMOUNT TO BE FINANCED:

REGIONAL W.R.
PROPERTY OWNERS

170 000

OTHER.

TOTAL

170 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

1980

200 000

1981

1982

1983

1984

1985 AND AFTER

TER

TOTAL 200 000

6. NEED FOR PROJECT

To ensure continuous supply to District W-H18 (Ancaster) during power failures.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

20 664

ANNUAL COSTS

TOTAL

15 000 35 664

FUNCTION

Water Works

PROJECT NO.

21751

DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 45

1. PROJECT

District W-H4 Trunk Watermain

MAP TO LOCATE PROJECT

- Pumping Station W-H4 to Gray's Road.

4. CAPITAL COST ESTIMATE

LAND

CONSTRUCTION

OTHER

650 000

TOTAL

650 000

SUBSIDY

CONTRIBUTIONS

TOTAL

Nil

NET COST

650 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS 650 000

OTHER

TOTAL

650 000

5. CASH FLOW

O.M.B. REQUIRED 1980

EXPENDITURES:

PRIOR TO BUDGET

19 80

350 000

19 81

300 000

19 82

19 83

19 84

19 85 AND AFTER

TOTAL 650 000

NEED FOR PROJECT

The existing distribution network between King Street and the escarpment cannot supply adequate pressure for all operating conditions.

DESCRIPTION

400 mm wtaremain along T. H. & B. Right-of-way from Greenhill Avenue to Gray's Road.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

79 008

ANNUAL COSTS

TOTAL

FUNCTION Water Works
PROJECT NO. 29763A
DEPT./AGENCY Engineering

FILE NO. 808-13
CAPITAL BUDGET PAGE45&52

abutting lands and industrial development at Duff's Corner.

PROJECT DETAIL

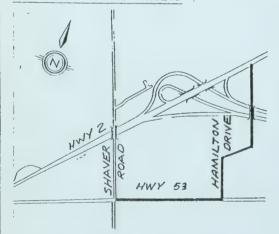
1. PROJECT

Hwy. 53 - Shaver's Road to Hamilton Drive and Hamilton Drive from Hwy. #53 to Hwy. #2.

- Construction

Ancaster

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

400 mm watermains

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

TOTAL 634 000

SUBSIDY CONTRIBUTIONS

JATOT

Nil

634 000

NET COST

OTHER

634 000

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS

534 000 100 000

TOTAL

634 000

5. CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

234 000

19 82

400 000

19 83

19 84

19 85 AND AFTER

TOTAL 634 000

V 1

6. NEED FOR PROJECT

To supply water to

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

64 908

ANNUAL COSTS

TOTAL 64 908

FUNCTION

Water Works

PROJECT NO.

21784

FILE NO.

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 46

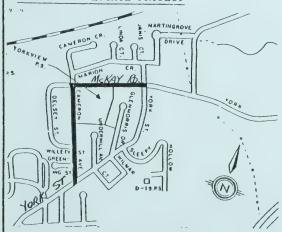
1. PROJECT

Cameron Ave. and McKay Road

-Watermain Installation

Dundas

MAP TO LOCATE PROJECT



3. DESCRIPTION

300 mm watermain on Cameron Ave. from York Road to McKay Road and on McKay Road from Cameron Avenue to York Road.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

166 000

TOTAL

166 000

SUBSIDY CONTRIBUTIONS

TOTAL

Nil

NET COST

166 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS
OTHER

TOTAL

166 000

166 000

5. CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

166 000

1982

1983

1984

1985 AND AFTER

TOTAL

166 000

6. NEED FOR PROJECT

The proposed installation will reinforce the distribution network in eastern Dundas and provide additional capacity to supply the proposed Pumping Station W-H16 which will service Flamborough.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

20 177

ANNUAL COSTS

TOTAL

FUNCTION

Water Works

PROJECT NO.

20727 A

DEPT./AGENCY Engineering

FILE NO. 816-15

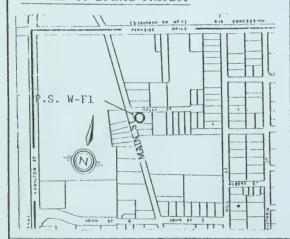
CAPITAL BUDGET PAGE 46

1. PROJECT

Pumping Station W-F1 (Reconstruction) - Construction

Flamborough

2. MAP TO LOCATE FROJECT



3. DESCRIPTION

Pumping Station with 2 pumps @ 225 L/sec. and 1 pump @ 40 L/sec. plus standby power.

4. CAPITAL COST ESTIMATE

TOTAL

60 000

NET COST

CONTRIBUTIONS

340 000

AMOUNT TO BE FINANCED:

REGIONAL W.R.
PROPERTY OWNERS

OTHER

TOTAL

340 000

340 000

5. CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

200 000

19 82

200 000

19 83

19 84

19 85 AND AFTER

TOTAL 400 000

6. NEED FOR PROJECT

The existing pumping station does not meet present day standards both in capacity and reliability.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

41 327

ANNUAL COSTS

TOTAL

DeWitt Road from Hwy. #8 to Barton St.

MAP TO LOCATE PROJECT

BARTON LST

Water Works FUNCTION

PROJECT NO.

21752 DEPT./AGENCY Engineering

FILE NO. 804-05 CAPITAL BUDGET PAGE 46

PROJECT DETAIL

Stoney Creek

4. CAPITAL COST ESTIMATE LAND CONSTRUCTION OTHER Engineering 50 000 50 000 TOTAL SUBSIDY CONTRIBUTIONS Nil TOTAL 50 000 NET COST AMOUNT TO BE FINANCED: REGIONAL W.R. 50 000 PROPERTY OWNERS OTHER 50 000 JATOT 5. CASH FLOW O.M.B. REQUIRED 1981 **EXPENDITURES:**

6. NEED FOR PROJECT

To supply water to reservoir W-H1C on DeWitt Road:

3. DESCRIPTION

1. PROJECT

Trunk Watermain

-Engineering

600 mm diameter trunk watermain

Nº 8

50 000 7. EFFECT ON CURRENT BUDGET

6 078 DEBT CHARGES

ANNUAL COSTS

6 078 TOTAL

1983 -

1980

1981

1982

1984

1985 AND AFTER

PRIOR TO BUDGET

TOTAL. 50 000

FUNCTION

Water Works

PROJECT NO.

20750A

DEPT./AGENCY Engineering

FILE NO. 823-33 CAPITAL BUDGET PAGE 45&52

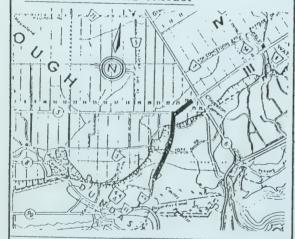
1. PROJECT

Waterdown Trunk Watermain

-Construction

Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

600 mm on York Road and Valley Road from Hopkins Court to Algonquin Ave. 400 mm on Alqonquin Ave. and Hwy. 5 from south end of Algonquin Ave. to approx. 460 m west of Hwy. 6.

4. CAPITAL COST ESTIMATE

TOTAL

1 600 000

300 000

AMOUNT TO BE FINANCED:

REGIONAL PROPERTY OWNERS

NET COST

OTHER

1 400 000 200 000

JATOT

1 600 000

. CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

100 000

1982

1 800 000

1983

1984

1985 AND AFTER

TOTAL 1 900 000

6. NEED FOR PROJECT

To supply water to Flamborough to allow new residential and industrial development as well as upgrading the supply to existing development to meet present day standards.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

170 170

ANNUAL COSTS

.TOTAL

FUNCTION

Water Works

PROJECT NO. DEPT./AGENCY

20751A Engineering

FILE NO. 816-26 CAPITAL BUDGET PAGE 46

PROJECT DETAIL

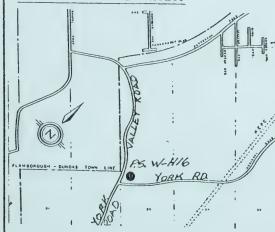
PROJECT

P.S. W-H16

-Construction

Flamborough

2. MAP TO LOCATE PROJECT



DESCRIPTION

Pumping station to be ultimately equipped with 4 pumps rated at 105 L/sec. and 140 m T.D.H.

Initial pump installation will consist of 2 pumps at 53 L/sec. and 150 m T.D.H.

CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER TOTAL

850 000 850 000

120 000

120 000

730 000

SUBSIDY M.O.E. CONTRIBUTIONS

TOTAL

NET COST

730 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

730 000

CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL.

850 000

350 000

500 000

NEED FOR PROJECT

To supply water to Flamborough to allow new residential and industrial development as well as upgrading the supply to existing development to meet present day standards.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

88 732

ANNUAL COSTS

TOTAL

FUNCTION

Water Works

PROJECT NO.

21785

DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 46

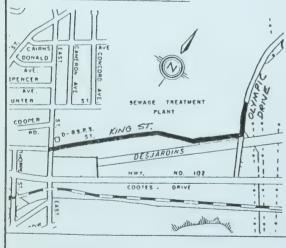
1. PROJECT

King Street (Dundas)

-Watermain installation.

Dundas

MAP TO LOCATE PROJECT



DESCRIPTION

400 mm watermain on King St. from East St. to Olympic Drive.

300 mm watermain on Olympic Drive from King Street to approx. 165 m northerly.

CAPITAL COST ESTEMATE

LAND CONSTRUCTION OTHER

245 000

TOTAL.

TOTAL

245 000

SUBSIDY CONTRIBUTIONS

Nil

NET COST

245 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS

OTHER

TOTAL

245 000

245 000

CASH FLOW

O.M.B. REQUIRED 1981

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

245 000

19 82

19 83

19 84

19 85 AND AFTER

TOTAL

245 000

6. NEED FOR PROJECT

This installation will reinforce the District Hll network in conjunction with the Flamborough water supply project. The proposed installation will also become the discharge main for the future Pumping Station W-H11A which will be constructed at the north west corner of Olympic Dr. and King St.

EFFECT ON CURRENT BUDGET 7.

DEBT CHARGES

4. 1

29 780

ANNUAL COSTS

JATOT

FUNCTION Water Works

PROJECT NO.29755A

DEPT./AGENCY Engineering

FILE NO. 816-24

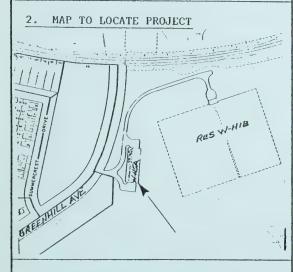
CAPITAL BUDGET PAGE 47

1. PROJECT

P.S. W-H5A: Installation of Pump #3

- Construction

Hamilton



DESCRIPTION

-Pump 875 L/Sec.

4.	CAPITAL	COST	ESTIMATE

LAND CONSTRUCTION 430 000 OTHER TOTAL 430 000 SUBSIDY M.O.E. 80 000 CONTRIBUTIONS 80 000 TOTAL NET COST 350 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS OTHER

TOTAL

350 000

200 000

230 000

350 000

CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

19 83

19 84

19 85 AND AFTER

TOTAL 430 000

6. NEED FOR PROJECT

The installation of this pump will coincide with the completion of the trunk watermain above the escarpment thereby providing sufficient firm pumping capacity for District W-H5. Presently, the maximum day demand for this District exceeds the firm pumping capacity.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

42 543

ANNUAL COSTS

42 543

TOTAL

PROJECT DETAIL

FUNCTION

Water Works

PROJECT NO. 21780

DEPT./AGENCY Engineering

21/80

FILE NO. 808-14

CAPITAL BUDGET PAGE 47

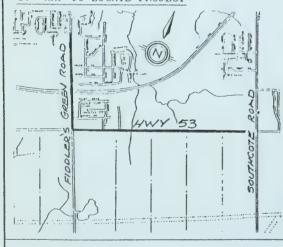
1. PROJECT

Hwy. 53 - 107 m west of Southcote Rd. to Fiddler's Green Road and on Fiddler's Green Rd. from Hwy. 53 to Cumming Court.

-Engineering

Ancaster

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

400 mm watermain

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION
OTHER Engineering 30 000

TOTAL 30 000
SUBSIDY

CONTRIBUTIONS TOTAL

Nil

NET COST

30 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS

OTHER

TOTAL

30 000

30 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

19 83

19 84

19 85 AND AFTER

TOTAL

30 000

30 000

6. NEED FOR PROJECT

Phase II of improvements to Ancaster distribution system to supply water from Hamilton network.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

\$ 1

3 647

ANNUAL COSTS

TOTAL

FUNCTION Water Works PROJECT NO. 21783

FILE NO. 818-18 CAPITAL BUDGET PAGE 47

1. PROJECT

Reservoir W-H18S - Ancaster

- Engineering

Ancaster

2. MAP TO LOCATE PROJECT



DESCRIPTION

34000 M³ ground storage reservoir to be located at site of P.S. W-H18.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER Engineering . 130 000

130 000 TOTAL ...

DEPT./AGENCY Engineering

SUBSIDY CONTRIBUTIONS

TOTAL

Nil

NET COST

130 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

130 000

TOTAL

130 000

100 000

30 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 130 000

6. NEED FOR PROJECT

The existing elevated tanks located in Ancaster provide insufficient storage for the system requirements. Consequently, additional storage is required to permit new residential and industrial growth.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

15 802

ANNUAL COSTS

TOTAL

PROJECT DETAIL

FUNCTION

Water Works

PROJECT NO.

22728

DEPT./AGENCY Engineering

FILE NO. 804-05 CAPITAL BUDGET PAGE 47

1. PROJECT

DeWitt Road from Hwy. #8 to Barton St. Trunk Watermain

- Construction

Stoney Creek

MAP TO LOCATE PROJECT



3. DESCRIPTION

600 mm diameter trunk watermain

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

450 000

TOTAL .

450 000

SUBSIDY M.O.E. CONTRIBUTIONS

70 000

TOTAL

70 000

NET COST

380 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS

OTHER

JATOT

380 000

380 000

5. CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

80 000

19 83

370 000

19 84

19 85 AND AFTER

TOTAL 450 000

6. NEED FOR PROJECT

To supply water to reservoir W-HIC on DeWitt Road.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

46 189

ANNUAL COSTS

4 T

TOTAL

FUNCTION

Water Works

PROJECT NO.

22733

FILE NO. 811-06

DEPT./AGENCY

Engineering

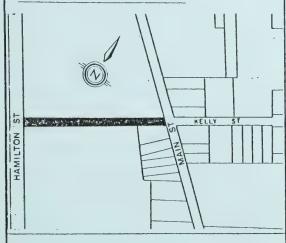
CAPITAL BUDGET PAGE 47

1. PROJECT

Kelly St. Extension (across park) from Hamilton St. to Main St. Watermain and Land

Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

300 mm diameter trunk watermain.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

50 000

TOTAL

50 000

SUBSIDY CONTRIBUTIONS

TOTAL

Nil

NET COST

50 000

50 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

50 000

50 000

CASH FLOW

O.M.B. REQUIRED 1982

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 50 000

6. NEED FOR PROJECT

To reinforce the existing system to permit full utilization of Pumping Station and reservoirs at Kelly St.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

6 078

ANNUAL COSTS

6 078 TOTAL

FUNCTION Water Works
PROJECT NO. 22735

FILE NO. 819-38
CAPITAL BUDGET PAGE 47

DEPT./AGENCY Engineering

1. PROJECT

Stone Church Road Trunk Watermain Upper Ottawa Street to Upper Gage

- Engineering

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

1200 mm. watermain on Stone Church Rd from Upper Ottawa St. to P.S. W-H6B

900 mm watermain on Stone Church Rd.

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION
OTHER Engineering 40 000
TOTAL 40 000

SUBSIDY CONTRIBUTIONS

TOTAL NII 40 000

AMOUNT TO BE FINANCED: REGIONAL W.R.

PROPERTY OWNERS
OTHER

TOTAL

40 000

40 000

40 000

Nil

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

אנונא. ייחיי

TOTAL 40 000

6. NEED FOR PROJECT

Trunk watermains to be constructed in conjunction with Pumping Station W-H6B.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

4 862

ANNUAL COSTS

TOTAL

FUNCTION

Water Works

PROJECT NO.

22736

CAPITAL BUDGET PAGE 48

FILE NO. 816-28

DEPT./AGENCY Engineering

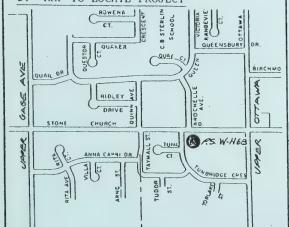
PROJECT

Pumping Station W-H6B on Stone Church Road at Tunbridge Crescent

- Engineering

Hamilton

MAP TO LOCATE PROJECT



DESCRIPTION

2 pumps rated at 660 L/Sec. and 50 m TDH. Space will be provided for one additional pump.

CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER Engineering 70 000 70 000 TOTAL SUBSIDY CONTRIBUTIONS

TOTAL

NET COST

AMOUNT TO BE FINANCED: REGIONAL W.R. PROPERTY OWNERS

TOTAL

70 000

50 000

20 000

Nil

70 000

70 000

CASH FLOW

OTHER

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 70 000

NEED FOR PROJECT

3 7

Demand created by new development within District W-H6 is expected to exceed firm pumping capacity of P.S. W-H6A by 1984.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

8 509

ANNUAL COSTS

TOTAL

FUNCTION

Water Works

PROJECT NO.

-21780A

DEPT./AGENCY Engineering

FILE NO. 808-14

CAPITAL BUDGET PAGE 48&52

Phase II of improvements

to Ancaster distribution

system to supply water

from Hamilton network.

6. NEED FOR PROJECT

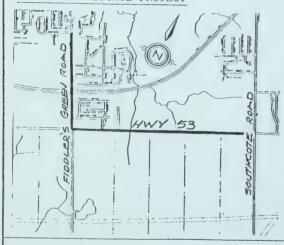
1. PROJECT

Hwy. 53 - 107 m West of Southcote Rd. to Fiddler's Green Road and on Fiddler's Green Road from Hwy. #53 to Cumming Court.

- Construction

Ancaster

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

400 mm watermain - Hwy. #53 from Southcote Road to Fiddler's Green Rd.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER 1 100 000

0

TOTAL 1 100 000

SUBSIDY

CONTRIBUTIONS

Nil

TOTAL

Nil

NET COST

1 100 000

AMOUNT TO BE FINANCED:

REGIONAL W.R.

1 000 000

PROPERTY OWNERS OTHER

100 000

TOTAL

1 100 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

500 000

1984

600 000

1985 AND AFTER

TOTAL 1 100 000

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

121 550

ANNUAL COSTS

TOTAL 121 550

FUNCTION Water Works PROJECT NO. 2-1783A

DEPT./AGENCY Engineering

FILE NO. 818-14 CAPITAL BUDGET PAGE 48

1. PROJECT

Reservoir W-H18S - Ancaster

- Construction

Ancaster

2. MAP TO LOCATE PROJECT RESERVOIR W-HIBS 48 51

DESCRIPTION

34000 M³ ground storage reservoir to be located at Pumping Station W-H18 site on Hwy. 53 will provide storage for Pressure District W-H18.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION 2 000 000 OTHER

2 000 000 TOTAL SUBSIDY M.O.E. 400 000 CONTRIBUTIONS

400 000 TOTAL. 1 600 000 NET COST

AMOUNT TO BE FINANCED: REGIONAL W.R. 1 600 000 PROPERTY OWNERS OTHER

> TOTAL 1 600 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983 1 000 000

1984

1985 AND AFTER

TOTAL 2 000 000

1 000,000

6. NEED FOR PROJECT

The existing elevated tanks in Ancaster provide insufficient storage for the system requirements. Consequently, additional storage is required to permit new residential growth.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

194 480

ANNUAL COSTS

194 480 TOTAL

FUNCTION Water Works

PROJECT NO. 23740

DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 48

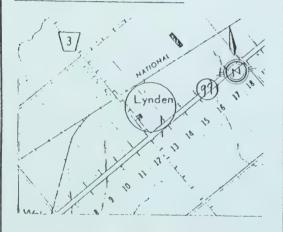
1. PROJECT

Communal Water Supply System, - Village of Linden

Well drilling and system design.

Flamborough

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

Exploratory well drilling and engineering design of communal water supply system.

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION
OTHER - Engineering 80 000

TOTAL 80 000

SUBSIDY
CONTRIBUTIONS

TOTAL Nil

NET COST 80 000

AMOUNT TO BE FINANCED:

REGIONAL W.R.
PROPERTY OWNERS
OTHER

JATOT

80 000

80 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

40 000

1984

40 000

1985 AND AFTER

000 08 JATOT

6. NEED FOR PROJECT

Village of Linden with the population of 650 persons is presently served by private individual wells. The water quality and supply from the present wells is poor.

Communal water supply is recommended for servicing the existing development.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

9 724

ANNUAL COSTS

TOTAL

FUNCTION Water Works
PROJECT NO. 23741

DEPT./AGENCY

FILE NO.

CA

Engineering

CAPITAL BUDGET PAGE 48

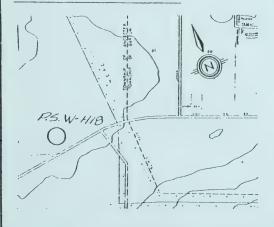
1. PROJECT

Pumping Station W-H18

- Installation of pump nos. 3 & 4.

Ancaster

2. MAP TO LOCATE PROJECT



DESCRIPTION

1 pump @ 260 L/sec. with 60 m T.D.H.

1 pump @ 130 L/sec. with 60 m T.D.H.

4. CAPITAL COST ESTIMATE

LAND
CONSTRUCTION
OTHER

TOTAL
400 000

SUBSIDY M.O.E.
CONTRIBUTIONS

TOTAL
70 000

NET COST
330 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

330 000

200 000

200 000

330 000

5. CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

1985 AND AFTER

TOTAL 400 000

6. NEED FOR PROJECT

To complete the development of this pumping station which will be capable of meeting the water requirements until 2000.

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES 40 112

ANNUAL COSTS

TOTAL 40 112

FUNCTION Water Works PROJECT NO. 23742 DEPT./AGENCY Engineering

FILE NO. CAPITAL BUDGET PAGE 48

6. NEED FOR PROJECT

Carlisle.

To supply the Village of

PROJECT DETAIL

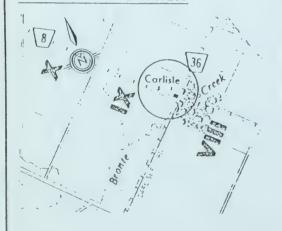
1. FROJECT

Carlisle Elevated Water Reservoir.

- Engineering and land.

Flamborough

2. MAP TO LOCATE PROJECT



DESCRIPTION

4000 m³ elevated storage tank.

4. CAPITAL COST ESTIMATE

10 000 LAND CONSTRUCTION 30 000 OTHER Engineering 40 000 TOTAL

SUBSIDY CONTRIBUTIONS

> Nil TOTAL 40 000

NET COST

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

40 000

10 000

40 000

40 000

CASH FLOW

O.M.B. REQUIRED 1983

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

30 000

1984

1985 AND AFTER

TOTAL.

EFFECT ON CURRENT BUDGET 7.

DEBT CHARGES

4 862

ANNUAL COSTS

TOTAL

FUNCTION

Water Works

PROJECT NO.

23743

DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 49

1. PROJECT

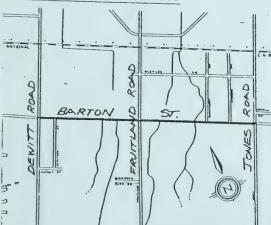
Barton Street watermain.

-DeWitt Road to Jones Road

-Engineering

Stoney Creek

2. MAP TO LOCATE PROJECT



DESCRIPTION

750 mm trunk watermain.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION

OTHER Engineering

TOTAL

TOTAL

40 000 40 000

40 000

40 000

SUBSIDY CONTRIBUTIONS

NET COST

Nil

AMOUNT TO BE FINANCED: REGIONAL W.R. PROPERTY OWNERS OTHER

TOTAL

40 000

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

- 19 80
- 19 81
- 19 82
- 19 83
- 19 84
- 19 85 AND AFTER

40 000

TOTAL. 40 000

6. NEED FOR PROJECT

The proposed watermain will be required to supply new industrial development east of Jones Road.

EFFECT ON CURRENT BUDGET

DEBT CHARGES ANNUAL COSTS

TOTAL.

4 862

Flamborough

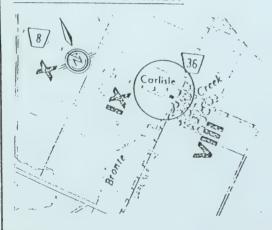
FUNCTION Water Works PROJECT NO. 23742 A DEPT./AGENCY Engineering

FILE NO. CAPITAL BUDGET PAGE 49

PROJECT DETAIL

1. PROJEC	Г	**	
Carlisle	Elevated	Water	Reservoir.
- Constr	uction		

MAP TO LOCATE PROJECT



3. DESCRIPTION

4000 m³ elevated storage tank.

4. CAPITAL COST EST	FIMATE
LAND CONSTRUCTION	500 000
OTHER TOT	TAL500_000
SUBSIDY M.O.E. CONTRIBUTIONS CMH	70 000 IC <u>150 000</u>
тот	TAL220_000
NET COST	280 000
AMOUNT TO BE FINAN REGIONAL W.R. PROPERTY OWNERS OTHER	NCED: 280 000
TO	TAL 280 000
5. CASH FLOW	

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

1983

1984

1985 AND AFTER

300 000

200 000 TOTAL 500 000 6. NEED FOR PROJECT

To supply the Village of Carlisle.

EFFECT ON CURRENT BUDGET

DEBT CHARGES

ANNUAL COSTS

TOTAL

34 034

FUNCTION

Water Works

PROJECT NO.

23744

FILE NO. 816-09 CAPITAL BUDGET PAGE 49

DEPT./AGENCY Engineering

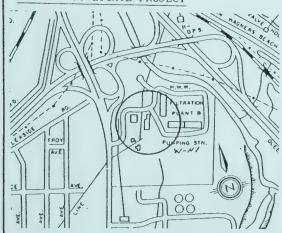
PROJECT

Pumping Station W-Hl

- -Expansion and Installation of Pump #7.
- -Engineering

Hamilton

MAP TO LOCATE PROJECT



3. DESCRIPTION

-Building expansion suitable for 4 pumps with one 2.6 m³/S pump.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER Engineering 100 000 TOTAL. 100 000 SUBSIDY CONTRIBUTIONS

TOTAL

Nil

NET COST

100 000

100 000

AMOUNT TO BE FINANCED:

REGIONAL W.R. PROPERTY OWNERS

LATOT

100 000

CASH FLOW

OTHER

O.H.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

1980

1981

1982

1983

1984

50 000 50 000

1985 AND AFTER

TOTAL 100 000

NEED FOR PROJECT

Increased consumption resulting from new industrial and residential. development will necessitate the adding pumping capacity at this station.

EFFECT ON CURRENT BUDGET

DEBT CHARGES

12 155

ANNUAL COSTS

TOTAL 12 155

49

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH 1980/84 CAPITAL BUDGET

FUNCTION Wa

Water Works

22736 A

PROJECT NO.

OADZWAL BURGOW BAGO

Demand created by new

to exceed firm pumping

capacity of P.S. W-H6A

District W-H6 is expected

development within

by 1984.

NEED FOR PROJECT

CAPITAL BUDGET PAGE

FILE NO. 816-28

PROJECT DETAIL

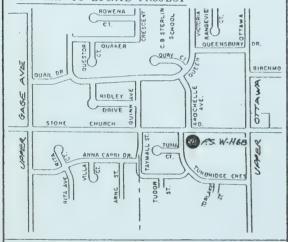
1. PROJECT

Pumping Station W-H6B on Stone Church Road at Tunbridge Crescent

- Construction

Hamilton

2. MAP TO LOCATE PROJECT



3. DESCRIPTION

2 pumps rated at 660 L/Sec. and 50 m TDH. Space will be provided for one additional pump.

4. CAPITAL COST ESTIMATE

LAND CONSTRUCTION OTHER

1 500 000

DEPT./AGENCY Engineering

TOTAL ____1 500 000

SUBSIDY M.O.E. CONTRIBUTIONS

200 000

NET COST

200 000 1 300 000

AMOUNT TO BE FINANCED:

REGIONAL W.R.
PROPERTY OWNERS
OTHER

1 300 000

TOTAL.

TOTAL

1 300 000

5. CASH FLOW

O.M.B. REQUIRED 1984

EXPENDITURES:

PRIOR TO BUDGET

19 80

19 81

19 82

19 83

19 84

9 84

300 000

1985 AND AFTER

TOTAL 1 500 000

7. EFFECT ON CURRENT BUDGET

DEBT CHARGES

158_015

ANNUAL COSTS

TOTAL

FUNCTION Water Works
PROJECT NO. 30000-E

FILE NO.

CAPITAL BUDGET PAGE50&53

PROJECT DETAIL' DEPT./AGENCY Engineering

1. PROJECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
Suburban Watermains - 1980	LAND CONSTRUCTION 400 000 OTHER	To provide service to partially developed areas.
	TOTAL 400 000	
	CONTRIBUTIONS NIL	
2. MAP TO LOCATE PROJECT	NET COST TOTAL NIL 400 000	
	AMOUNT TO BE FINANCED: REGIONAL W.R. 200 000	
	PROPERTY OWNERS 200 000 OTHER	
	TOTAL 400 000	
	5. CASH FLOW	
	O.M.B. REQUIRED 1980	
	EXPENDITURES:	
	PRIOR TO BUDGET	
3. DESCRIPTION	1980 200 000	
	1981 200 000	7. EFFECT ON CURRENT BUDGET
Local Watermains on Various streets to be approved by Council.	1982	DEBT CHARGES
•	1983	ANNUAL COSTS
·	1984 1985 AND AFTER	TOTAL
	1985 AND AFTER TOTAL 400 000	

FILE NO. APITAL BUDGET PAGE50&53

PROJECT DETAIL	DEPT	/AGENCY Engineering	CAPITAL BUDGET PAGE50&53
1. PROJECT Suburban watermains - 1981	4. CAPITAL COST ESTION CONSTRUCTION OTHER	400 000	6. NEED FOR PROJECT To provide service to partially developed areas.
2. MAP TO LOCATE PROJECT	TOTAL SUBSIDY CONTRIBUTIONS TOTAL NET COST		
	AMOUNT TO BE FINANCE REGIONAL W.R. PROPERTY OWNERS OTHER	200 000 200 000	
3. DESCRIPTION Local watermains on various streets to be approved by Council.	5. CASH FLOW O.M.B. REQUIRED 19 EXPENDITURES: PRIOR TO BUDGET 1980 1981 1982 1983 1984 1985 AND AFTER	200 000 200 000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

FUNCTION Water Works PROJECT NO. 30000-G DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 50&53

FILE NO.

TROODET DETAILS	1		
1. PROJECT Suburban Watermains - 1982	LAND . CONSTRUCTION OTHER	400 000	6. NEED FOR PROJECT To provide service to partially developed areas.
2. MAP TO LOCATE PROJECT	SUBSIDY CONTRIBUTIONS TOTAL NET COST		·
	AMOUNT TO BE FINANCE REGIONAL W.R. PROPERTY OWNERS OTHER	200 000	
3. DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED 1.9 EXPENDITURES: PRIOR TO BUDGET 1980 1981	82	7. EFFECT ON CURRENT BUDGET
Local watermains on various streets to be approved by Council.	1982 1983 1984 1985 AND AFTER	200 000 200 000 OTAL 400 000	DEBT CHARGES ANNUAL COSTS TOTAL

FUNCTION Water Works
PROJECT NO. 30000-H
DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 50&53 1. PROJECT 4. CAPITAL COST ESTIMATE 6. NEED FOR PROJECT Suburban Watermains - 1983 LAND To provide service to partially CONSTRUCTION 400 000 developed areas. OTHER TOTAL 400_000 SUBSIDY CONTRIBUTIONS NIL TOTAL 2. MAP TO LOCATE PROJECT NET COST 400 000 AMOUNT TO BE FINANCED: REGIONAL W.R. 200 000 PROPERTY OWNERS 200 000 OTHER TOTAL 400 000 5. CASH FLOW O.M.B. REQUIRED 1983 EXPENDITURES: PRIOR TO BUDGET 3. DESCRIPTION 1980 1981 7. EFFECT ON CURRENT BUDGET Local Watermains on Various streets 1982 to be approved by Council, DEBT CHARGES 1983 200 000 ANNUAL COSTS 1984 200 000 TOTAL 1985 AND AFTER JATOT 400 000

FUNCTION Water Works PROJECT NO. 30000-I

FILE NO.

PROJECT DETAIL

DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 50&53

400 000

TOTAL

1. PROJECT 4. CAPITAL COST ESTIMATE 6. NEED FOR PROJECT Suburban Watermains - 1984 LAND To provide service to partially CONSTRUCTION 400 000 developed areas. OTHER TOTAL 400 000 SUBSIDY CONTRIBUTIONS TOTAL NIL 2. MAP TO LOCATE PROJECT NET COST 400 000 AMOUNT TO BE FINANCED: REGIONAL W.R. 200 000 PROPERTY OWNERS 200 000 OTHER TOTAL 400 000 5. CASH FLOW O.M.B. REQUIRED 1984 **EXPENDITURES:** PRIOR TO BUDGET 1980 3. DESCRIPTION 1981 7. EFFECT ON CURRENT BUDGET Local Watermains on Various streets 1982 to be approved by Council. DEBT CHARGES 1983 ANNUAL COSTS 1984 200 000 TOTAL 1985 200 000 AND AFTER

				17101. 245
REGIONAL MUNICIPALITY OF HAMILTON-W	TENTWORTH	FUNCTION PROJECT NO.	Water Work	s FILE NO.
PROJECT DETAIL		DEPT./AGENCY		
1. PROJECT	4. CAPITAL COST	ESTIMATE		6. NEED FOR PROJECT
Rated Watermains and Minor Improvements	LAND CONSTRUCTION OTHER	984	,000	See item 28810-N
- Owner's Portion 1977-78	SUBSIDY M.T.C. CONTRIBUTIONS	TOTAL <u>984</u>	,000	
2. MAP TO LOCATE PROJECT		TOTAL N: 984	,000	
	AMOUNT TO BE FI REGIONAL ST.S.R PROFERTY OWNERS OTHER T.R.	984.	000	
	7	TOTAL 984,	000	
	5. CASH FLOW O.M.B. REQUIRE EXPENDITURES: PRIOR TO BUDGE			
3. DESCRIPTION	1980 1981	984,	000	
Local Watermains on various streets to be approved by Council	1982			7. EFFECT ON CURRENT BUDGET
	1983 1984			DEDT CHARGES
	1905 AND AFTER	₹ ТОТΛL 984,	000	ANNUAL COSTS

2. MAP TO LOCATE PROJECT

Local Watermains on various streets

to be approved by Council

DESCRIPTION

AMOUNT TO BE FINANCED REGIONAL ST.S.R. PROFERTY OWNERS 'OTHER T.R.
TOTAL
5. CASH FLOW
O.M.B. REQUIRED
EXPENDITURES:
PRIOR TO BUDGET
1980
1981

1982

1983

1904

1905 AND AFTER

TOTAL

750,000

750,000

750,000



FUNCTION Water Works
PROJECT NO. 28810-N

FILE NO.

PROJECT DETAIL

DEPT./AGENCY Engineering

CAPITAL BUDGET PAGE 51&54

1. PROJECT	4. CAPITAL COST ESTIMATE	,	6 NEET FOR BROADER
Rated Watermains and Minor Improvements	LAND		6. NEED FOR PROJECT
- 1980	CONSTRUCTION	2 000 000 '	To provide for Local Improve-
	OTHER TOTAL	2 000 000	ment Act watermains and minor. works generally associated with
	SUBSIDY		road reconstruction.
	CONTRIBUTIONS O.P.F.P.	100 000	
2. MAP TO LOCATE PROJECT	TOTAL	100 000	
	NET COST	1 900 000	
	AMOUNT TO BE FINANCED: REGIONAL W.R.	900.000	
	PROPERTY OWNERS	1 000 000	
	OTHER		
·	TOTAL	1 000 000	
	5. CASH FLOW		-
	The state of the s		
	O.M.B. REQUIRED 1980		
	EXPENDITURES:		
	PRIOR TO BUDGET		
3. DESCRIPTION	1981	800 000	
Local Watermains on various streets to be approved by Council.	1982	1 200 000	7. EFFECT ON CURRENT BUDGET
	1983		DEBT CHARGES
	1984		ANNUAL COSTS
	1985 AND AFTER	2 000 000	TOTAL
	TOTAL,	2 000 000	

PROJECT DETAIL

FUNCTION Water Works PROJECT NO. 28810-0 DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 51&54

FILE NO.

1. PROJECT 4. CAPITAL COST ESTIMATE 6. NEED FOR PROJECT LAND Rated Watermains and Minor Improvements - 1981 CONSTRUCTION 2 200 000 See item 28810-N OTHER TOTAL 2 200 000 SUBSIDY CONTRIBUTIONS O.P.F.P. 100 000 TOTAL 100 000 2. MAP TO LOCATE PROJECT NET COST 2 100 000 AMOUNT TO BE FINANCED: REGIONAL 1 000 000 PROPERTY OWNERS 1 100 000 OTHER TOTAL 2 100 000 5. CASH FLOW O.M.B. REQUIRED **EXPENDITURES:** PRIOR TO BUDGET 1980 3. DESCRIPTION 1981 1 000 000 7. EFFECT ON CURRENT BUDGET Local Watermains on various streets 1982 1 200 000 to be approved by Council. DEBT CHARGES 1983 ANNUAL COSTS 1984 TOTAL

1985 AND AFTER

TOTAL

2 200 000

FUNCTION Water Works
PROJECT NO. 28810-P
DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 51854

1. PROJECT 4. CAPITAL COST ESTIMATE 6. NEED FOR PROJECT Rated Watermains and Minor LAND See Item 28810-N CONSTRUCTION Improvements. 2 400 000 OTHER -19822 400 000 TOTAL SUBSIDY CONTRIBUTIONS O.P.F.P. 100 000 100 000 TOTAL 2. MAP TO LOCATE PROJECT 2 300 000 NET COST AMOUNT TO BE FINANCED: REGIONAL W.R. 1 100 000 1 200 000 PROPERTY OWNERS OTHER 2 300 000 TOTAL 5. CASH FLOW O.M.B. REQUIRED 1982 **EXPENDITURES:** PRIOR TO BUDGET 1980 3. DESCRIPTION 1981 7. EFFECT ON CURRENT BUDGET Local Watermains on Various streets 1982 1 100 000 to be approved by Council. DEBT CHARGES 1983 1 300 000 ANNUAL COSTS 1984 TOTAL 1985 AND AFTER 2 400 000 TOTAL

PROJECT DETAIL

FUNCTION Water Works
PROJECT NO. 28810-Q
DEPT./AGENCY Engineering

FILE NO.

CAPITAL BUDGET PAGE 51&54

1. PROJECT	4. CAPITAL COST ESTIMATE	6. NEED FOR PROJECT
Rated Watermains and Minor Improvements	LAND CONSTRUCTION 2 400 000 OTHER	See Item 28810-N
2. MAP TO LOCATE PROJECT	TOTAL 2 400 000 SUBSIDY CONTRIBUTIONS 0.P.F.P. 100 000 TOTAL 100 000 NET COST 2 300 000	
	AMOUNT TO BE FINANCED: REGIONAL . 1 100 000 PROPERTY OWNERS 1 200 000 OTHER TOTAL 2 300 000	·.
	5. CASH FLOW O.M.B. REQUIRED 1983 EXPENDITURES: PRIOR TO BUDGET	
3. DESCRIPTION Local Watermains on various streets to be approved by Council.	1980 1981 1982 1983 ,1 100 000 1984 1 300 000 1985 AND AFTER TOTAL 2 400 000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES ANNUAL COSTS TOTAL

FUNCTION Water Works PROJECT NO. 28810-R DEPT./AGENCY Engineering CAPITAL BUDGET PAGE 51655

FILE NO.

6. NEED FOR PROJECT 1. PROJECT 4. CAPITAL COST ESTIMATE LAND Rated Watermains and Minor Improvements CONSTRUCTION 2 400 000 See Item 28810-N - 1984 OTHER TOTAL 2 400 000 SUBSIDY CONTRIBUTIONS O.P.F.P. ___ 100 000 100 000 TOTAL 2. MAP TO LOCATE PROJECT 2 300 000 NET COST 4 AMOUNT TO BE FINANCED: REGIONAL W.R. 1 100 000 PROPERTY OWNERS 1 200 000 OTHER 2 300 000 TOTAL 5. CASH FLOW O.M.B. REQUIRED 1984 EXPENDITURES: PRIOR TO BUDGET 1980 3. DESCRIPTION 1981 7. EFFECT ON CURRENT BUDGET Local Watermains on various streets to be approved by Council. 1982 DEBT CHARGES 1983 ANNUAL COSTS 1984 1 100 000 TOTAL 1985 AND AFTER 1 300 000 TOTAL 2 400 000



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REGIONAL MUNICIPALITY OF HAMILTON-WE 1980/84 CAPITAL BUDGET PROJECT DETAIL	NTWORTH	FUNCTION PROJECT		d Water Works FILE NO. ing CAPITAL BUDGET PAGE 53
OHC Sewer, Saltfleet Community Development (to be adjusted for 1974).	LAND CONSTRUCTION OTHER SUBSIDY CONTRIBUTIONS	TOTAL	4,580,000 4,580,000 4,580,000	6. NEED FOR PROJECT
MAP TO LOCATE PROJECT	NET COST AMOUNT TO BE REGIONAL ST.S PROPERTY OWNE OTHER T.R.	S.R.	4,580,000 NIL	
DESCRIPTION	5. CASH FLOW O.M.B. REQUIRED FRIOR TO BUILD FROM TO BUILD	S:	4,580,000	7. EFFECT ON CURRENT BUDGET DEBT CHARGES

1984

1985 AND AFTER

TOTAL 4,580,000

DEBT CHARGES

ANNUAL COSTS

TOTAL

Sewage and Water Works

1980/84 CAPITAL BUDGET PROJECT DETAIL	DEPT./AGE	CY Engineering	CAPITAL BUDGET PAGE 53
1. PROJECT	4. CAPITAL COST ESTIMATE		6. NEED FOR PROJECT
OHC Sewer, East Mountain, Satellite City (to be adjusted for 1974)	LAND CONSTRUCTION OTHER	,246,000	
2. MAP TO LOCATE PROJECT	SUBSIDY CONTRIBUTIONS 9,	,246,000 ,246,000 NIL	
	AMOUNT TO BE FINANCED: REGIONAL ST.S.R.	(LL)	
	PROFERTY OWNERS OTHER T.R.		
	5. CASH FLOW	D- column	
	EXPENDITURES:	Received	
3. DESCRIPTION	1980 1981 1982	7,633,000	. EFFECT ON CURRENT BUDGET
	1983 1904 1985 AND AFTER		ANNUAL COSTS TOTAL
	TOTAL	9,246,000	TOTAL

FUNCTION

REGIONAL MUNICIPALITY OF HAMILTON-WENTWORTH



